FINAL

Remedial Action Progress Report

4th Quarter 2002 through 3rd Quarter 2004

M-8 Landfill Site

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

Directorate of Public Works

December 2, 2005

Versar INC.
4700 S McClintock Drive, Suite 150
Tempe, Arizona 85282

Contract No. DACA 51-02-D-0007
Delivery Order No. 2V31

United States Army
Fort Monmouth, New Jersey

M-8 Landfill Site
Remedial Action Progress Report
Long Term Monitoring Program
(4th Quarter 2002 through 3rd Quarter 2004)

Fort Monmouth, Main Post
Fort Monmouth, New Jersey

December 2, 2005

PREPARED BY:

4700 S McClintock Drive, Suite 150
Tempe, AZ 85282

December 2, 2005

VERSAR PROJECT NO. 110571.0571.431

TABLE OF CONTENTS

EXECUTIVE SUMMARY.....i
1.0 INTRODUCTION.....**1-1**
1.1 Objectives.....1-1
1.2 Report Organization.....1-1
2.0 SITE BACKGROUND.....**2-1**
2.1 Site Location and Description.....2-1
2.2 Site History and Background Investigations.....2-1
2.2.1 Site Investigation Report - Weston.....2-2
2.2.2 Remedial Investigation/Remedial Action Work Plan - BCM.....2-3
2.2.3 M-5 Landfill Site Remedial Action Progress Report – Versar.....2-4
2.2.4 M-8 Landfill Site Remedial Action Progress Report - Versar.....2-4
3.0 MONITORING AND SAMPLING ACTIVITIES.....**3-1**
3.1 Groundwater Monitoring.....3-1
3.2 Groundwater Sampling.....3-1
3.3 Surface Water Sampling.....3-2
4.0 SITE CHEMICAL RESULTS.....**4-1**
4.1 Groundwater Sampling Results.....4-1
4.1.1 Contaminants of Concern.....4-1
4.1.2 Remaining Analyte Exceedances.....4-2
4.2 Surface Water Sampling Results.....4-2
4.3 Quality Assurance/Quality Control (QA/QC).....4-3
5.0 REMEDIAL ACTION PROGRESS.....**5-1**
5.1 Progress.....5-1
5.2 Costs.....5-1
5.3 Recommendations.....5-1
5.3.1 Sampling Program.....5-2
6.0 REFERENCES.....**6-1**

TABLES

Table 3-1 Groundwater Elevation Summary
Table 3-2 Groundwater Sampling Summary
Table 3-3 Surface Water Sampling Summary
Table 4-1 M8MW12 Groundwater Sampling Results
Table 4-2 M8MW13 Groundwater Sampling Results
Table 4-3 M8MW14 Groundwater Sampling Results
Table 4-4 M8MW15 Groundwater Sampling Results
Table 4-5 M8MW16 Groundwater Sampling Results
Table 4-6 M8MW17 Groundwater Sampling Results
Table 4-7 M8MW18 Groundwater Sampling Results
Table 4-8 M8MW19 Groundwater Sampling Results
Table 4-9 M8MW20 Groundwater Sampling Results
Table 4-10 M8MW21 Groundwater Sampling Results
Table 4-11 M8MW22 Groundwater Sampling Results
Table 4-12 M8MW23 Groundwater Sampling Results
Table 4-13 M8MW24 Groundwater Sampling Results
Table 4-14 697MW01 Groundwater Sampling Results
Table 4-15 Groundwater Exceedence Summary
Table 4-16 SS-5 Stream Sampling Results
Table 4-17 SS-7 Stream Sampling Results
Table 4-18 SS-14 Stream Sampling Results
Table 4-19 SS-15 Stream Sampling Results
Table 4-20 Surface Water Exceedence Summary

FIGURES

Figure 2-1 Site Location Map
Figure 2-2 Site Map
Figure 3-1 Groundwater Contour Map (13 DEC 02)
Figure 3-2 Groundwater Contour Map (21 MAR 03)
Figure 3-3 Groundwater Contour Map (30 MAY 03)
Figure 3-4 Groundwater Contour Map (22 AUG 03)
Figure 3-5 Groundwater Contour Map (05 MAR 04)
Figure 3-6 Groundwater Contour Map (28 JUN 04)
Figure 3-7 Groundwater Contour Map (30 AUG 04)
Figure 4-1 Groundwater and Surface Water Sampling Results for COCs
Figure 4-2 PCE & Daughter Product Observations at Well M8MW12
Figure 4-3 PCE & Daughter Product Observations at Well M8MW23
Figure 4-4 PCE & Daughter Product Observations at Well 697MW01
Figure 4-5 Benzene Observations at Well M8MW15
Figure 4-6 Benzene Observations at Well M8MW16
Figure 4-7 Benzene Observations at Well M8MW24

APPENDICES

Appendix A	BCM Engineers, September 2000. *Remedial Action Work Plan – Landfill M-8, Main Post, Fort Monmouth, New Jersey.*
Appendix B	Roy F. Weston, Inc., December 1995. *Final Site Investigation, Fort Monmouth, New Jersey, Main Post and Charles Wood Areas.*
Appendix C	Groundwater Monitoring Well Laboratory Analytical Data, 4th Quarter 2002 through 3rd Quarter 2004
Appendix D	Surface Water Laboratory Analytical Data, 4th Quarter 2002 through 3rd Quarter 2004

EXECUTIVE SUMMARY

A natural attenuation program was implemented to remediate benzene, chlorobenzene and tetrachloroethene (PCE) identified in shallow groundwater at the M-8 Landfill site, Main Post, Fort Monmouth, New Jersey during a Remedial Investigation (RI) conducted by the Fort Monmouth Directorate of Public Works (DPW) between May 1997 and March 2000. Remedial activities include a long-term groundwater monitoring program that was conducted in accordance with the *M-8 Landfill Remedial Action Work Plan* (RAWP), prepared by BCM Engineers. The monitored natural attenuation program to remediate these contaminants was also conducted in accordance with the *M-8 Landfill Remedial Action Work Plan*. This report documents the implementation and describes the effectiveness of the monitored natural attenuation program for the M-8 Landfill site accomplished during the reporting period of 4th Quarter 2002 through 3rd Quarter 2004.

A general decreasing trend of contaminant of concern (COC) concentrations in groundwater was observed at the site throughout the period of groundwater sampling (4th Quarter 2002 through 3rd Quarter 2004). Chlorobenzene was not detected above the Interim Specific GWQC of 50 ug/L in any of the 14 monitoring wells during eight sampling rounds. A decrease in benzene was observed in groundwater monitoring wells M8MW15, M8MW16 and M8MW24. A decreasing trend in PCE was observed in groundwater monitoring wells M8MW12, M8MW23 and 697MW01, suggesting that the COC is successfully attenuating naturally over time. The occurrence of a PCE daughter product [cis-1,2-Dichloroethene and trichloroethene (TCE)] in groundwater monitoring wells M8MW12 and M8MW23 was observed, supporting the contention that PCE degradation is occurring at the M-8 Landfill site.

Based on the observed decreasing trend of COC concentrations and the increased presence of degradation products in the groundwater, the natural attenuation program will continue. Remedial action progress will be monitored and reported to the New Jersey Department of Environmental Protection (NJDEP) periodically.

1.0 INTRODUCTION

VERSAR, Inc. (Versar) was contracted by the United States (U.S.) Army Garrison, Fort Monmouth (Fort Monmouth), Directorate of Public Works (DPW), Fort Monmouth, New Jersey to prepare a Remedial Action Progress Report (RAPR) to document the activities performed for the remediation of benzene, chlorobenzene and PCE in the shallow groundwater at the M-8 Landfill site located at Fort Monmouth. The monitored natural attenuation program to remediate these contaminants was conducted in accordance with the RAWP, prepared by BCM Engineers (a division of ATC Associates, Inc.), dated September 2000 and approved by the NJDEP in March 2001. This report documents the implementation and describes the progress of the monitored natural attenuation program for the M-8 Landfill site accomplished during the reporting period of December 2002 through August 2004.

1.1 Objectives

The objective of this RAPR is to document the implementation of the remedial action program performed at the M-8 Landfill site during the reporting period of 4th Quarter 2002 through 3rd Quarter 2004. The purpose of the remedial action was to allow the benzene, chlorobenzene and PCE contaminated areas to naturally attenuate, thereby reducing contaminant concentrations to comply with the NJDEP Class II-A Groundwater Quality Criteria (GWQC). In general, benzene, chlorobenzene and PCE concentrations are expected to come into compliance within a five-year period. The remedial activities were conducted in accordance with NJDEP *Technical Requirements for Site Remediation* (July 1999), NJAC 7:26E, et seq.

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

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

1.2 Report Organization

This report is organized to minimize repetition. **Section 2.0** provides background information on the activities performed at the M-8 Landfill site. **Section 3.0** describes and summarizes the remedial activities conducted at the M-8 Landfill site, including groundwater and surface water sampling. **Section 4.0** discusses groundwater flow at the M-8 Landfill site. **Section 5.0** presents the chemical results of the groundwater and surface water sampling. **Section 6.0** discusses the progress of the remedial action and provides recommendations for the M-8 Landfill site.

2.0 SITE BACKGROUND

The following sections describe the site background of the M-8 Landfill site. Included is a description of the site location, site history and background investigations.

2.1 Site Location and Description

The M-8 Landfill site is located on the northern portion of the Main Post, just north of Buildings T-692 and S-697 in a bend of Parkers Creek (**Figure 2-1**). The site is located north of where Wilson Avenue becomes Sherrill Avenue and is bordered by Parkers Creek to the north, west and east (**Figure 2-2**). The approximate area of the M-8 Landfill site is 315,000 feet^2 (7.2 acres). A masonry dike was constructed around the landfill perimeter adjacent to Parkers Creek. The area within the dike is 9.5 acres, of which approximately 7.2 acres contains waste material.

The M-8 Landfill site was in use as a landfill between 1962 and 1981. Prior to commencing landfill activities, a masonry dike was built around the site perimeter, and the southern part of the landfill was excavated to approximately 12 feet below grade. Materials reported to have been disposed of at M-8 Landfill site include unwashed pesticide/herbicide cans, batteries, fluorescent tubes, electronic components, garbage, asbestos wrappings from pipes, soot and boiler scale, sludge from sanitary treatment plants (STPs), small quantities of outdated drugs, outdated photographic chemicals in glass bottles, building rubble [including asbestos-containing materials (ACM)], incinerator ash, sand from oil spill cleanups, leaves, brush, and other debris (Weston, 1995). The environmental setting (regional/local geology and hydrogeology) of the M-8 Landfill site is described in the BCM RAWP, dated September 2000 (**Appendix A**).

2.2 Site History and Background Investigations

The U.S. Army Corps of Engineers (USACE), Baltimore District, initially contracted Roy F. Weston, Inc. (Weston) to perform a field investigation at Fort Monmouth, New Jersey. Suspected hazardous waste sites were initially identified at Fort Monmouth in a report prepared by the U.S. Army Toxic and Hazardous Materials Agency (USATHAMA, 1980). The USATHAMA report identified 37 sites with known or suspected waste materials on the Main Post and the two subposts (Charles Wood and Evans Area). Weston conducted a background investigation of the 37 sites, as well as eight additional sites that were identified by Fort Monmouth and the NJDEP. Weston's findings were described in a report titled *Investigation of Suspected Hazardous Waste Sites at Fort Monmouth, New Jersey* (1993). The M-8 Landfill site is one of the 37 sites identified.

As part of a NJPDES permit, surface water samples have been collected at two locations (one upstream in Mill Creek and one downstream in Lafetra Creek) since February 1986. The results indicated that no compounds were detected at concentrations exceeding the NJDEP SWQS (Weston, 1995). In the background report, additional investigations (including sampling and other field work) were recommended at 22 of the sites on the Main Post and Charles Wood areas, including the M-8 Landfill site. The NJDEP approved the recommendations on April 20, 1995.

The 1995 Weston Site Investigation (SI) Report presents the results of field investigation activities that were performed at 13 sites in the Main Post Area and eight sites in the Charles Wood Area. The results of the investigation of the M-8 Landfill site are included in the Weston SI report. Initial field investigation activities were performed between November 1994 and November 1995. The field investigation activities included surface geophysical investigations, sediment and surface water sampling, transformer site sampling, surface and subsurface soil sampling, groundwater monitoring well installation and sampling, and tidal monitoring. The Weston SI report was used as the basis for subsequent remedial investigations at the Main Post and Charles Wood areas, which progressed to the development of remedial actions, including the remediation program at the M-8 Landfill site.

From May 1997 through March 2000, the DPW performed an RI of Fort Monmouth, Main Post in response to the 1995 Weston SI Report. The goals of this investigation included collecting samples to evaluate the soil, groundwater and surface water quality at and in the vicinity of the M-8 Landfill site and to prepare a RAWP (**Appendix A**) to address the need for remediation of these media, if necessary. BCM was contracted by the DPW to evaluate the data collected during the remedial investigation and prepare the RAWP.

In September 2000, an HRC injection program was implemented at the M-5 Landfill site to remediate PCE identified in shallow groundwater at the M-5 Landfill site, Fort Monmouth, New Jersey. Because the M-5 Landfill site is adjacent to the M-8 Landfill site, three groundwater monitoring wells (M8MW12, M8MW23 and M8MW24) located at the M-8 Landfill site were also included in the groundwater monitoring program at the M-5 Landfill site.

2.2.1 Site Investigation Report - Weston

In February 1995, and as part of an SI of the M-8 Landfill site, Weston conducted a surface geophysical investigation and a hydrogeologic interpretation of the fill site. Four new groundwater monitoring wells, M8MW12 (upgradient), M8MW13, M8MW14 and M8MW15 (downgradient), were installed at strategic locations to monitor groundwater in the area (see Figure 4.2-12 of the Weston SI presented in **Appendix B**). The monitoring wells were sampled twice for Target Compound List (TCL) plus 30 parameters (TCL+30), semi-volatile organic compounds (SVOCs), and Target Analyte List (TAL) metals, sulfate, ammonia, and cyanide.

Groundwater quality data for the four monitoring wells indicated that low concentrations of benzene and chlorobenzene were detected in two downgradient wells (M8MW14 and M8MW15), and PCE was detected in the upgradient well (M8MW12) exceeding the NJDEP GWQC in both sampling rounds (February and March 1995). VOCs were not detected in M8MW13. There were no exceedences of the NJDEP GWQC for SVOCs, sulfate or cyanide. Four metals (aluminum, iron, manganese and sodium) were identified at concentrations exceeding their respective NJDEP GWQC. However, these metals were not identified as contaminants of concern.

The Weston SI Report recommended that natural degradation will decrease groundwater and surface water contamination levels in the future. The report presented a DPW proposal for the M-8 Landfill site that was subsequently implemented. A long-term groundwater and surface water monitoring program was developed utilizing the existing monitoring wells and supplemental wells installed during follow-up investigations, as well as surface water sampling locations, to document and monitor surface water and groundwater quality over time.

2.2.2 Remedial Investigation/Remedial Action Work Plan - BCM

From May 1997 through March 2000, the DPW performed an RI of the Main Post Area of Fort Monmouth. BCM was contracted by the DPW to evaluate the data collected during the remedial investigation and prepare the RAWP.

The RI involved installing two new shallow groundwater monitoring wells, installing seven piezometric wells (M8MW16 through M8MW22) and three additional monitoring wells (M8MW23, M8MW24 and MW69701), sampling M8MW12, M8MW13, M8MW14, and M8MW15 for 12 consecutive quarterly sampling events, sampling M8MW16 through M8MW22 for six consecutive quarterly sampling events, sampling M8MW23 for four consecutive quarterly sampling events, sampling M8MW24 for four sampling events, sampling MW69701 for 11 consecutive quarterly sampling periods, sampling four surface water points for 18 events, sampling three surface water points for two events, sampling two seep locations for two events, drilling and sampling 22 Geoprobe® boring locations for soil, and drilling ten borings for sediment. Details covering each of these tasks are available in **Appendix A**.

The results of this investigation indicate that shallow groundwater contained VOCs (benzene, chlorobenzene and PCE) and pesticides (4,4'-DDE, 4,4'-DDD, 4,4'-DDT, alpha chlordane and gamma-chlordane) that exceeded the NJDEP GWQC. Because monitoring well MW69701 (located at the M-5 Landfill site) will be included in the bioremediation treatment program [Hydrogen Release Compound (HRC)] implemented at the M-5 Landfill site, the six pesticides listed above exceeding their respective NJDEP GWQC are not considered to be COCs. The end result of the RI identified benzene, chlorobenzene and PCE as the COCs in groundwater at the M-8 Landfill site.

The concentrations and distribution of benzene, chlorobenzene, PCE and detected pesticides in the groundwater and the hydrogeological characteristics of the M-8 Landfill site, combined with the remedial activities performed at the M-5 Landfill site adjacent to the M-8 Landfill site, suggested that this location was suitable for a natural remediation program. In general, benzene, chlorobenzene and PCE concentrations were expected to come into compliance with the NJDEP Class II GWQC within a five-year period, and the plumes were not expected to migrate beyond five feet during this time frame. A groundwater sampling program was designed to monitor the effectiveness of the natural attenuation program and COC concentrations in groundwater. The RIR/RAWP was submitted by BCM in September 2000 and approved by the NJDEP in March 2001.

2.2.3 M-5 Landfill Site Remedial Action Progress Report – Versar

An HRC injection program was implemented at the M-5 Landfill site to remediate PCE identified in shallow groundwater at the M-5 Landfill site, Fort Monmouth, New Jersey. The HRC direct injection program involved seven distinct areas in and around the M-5 Landfill site, where elevated concentrations of PCE were detected in the shallow groundwater. A Long Term Monitoring (LTM) program was conducted over 13 rounds of groundwater sampling from 15 monitoring wells, including M8MW12, M8MW23 and M8MW24. The RAPR documented the groundwater quality conditions over time and evaluated the impact of the HRC injection program. PCE concentrations were detected in M8MW23, however a general decreasing trend of PCE concentrations was observed throughout the period of groundwater sampling (4th Quarter 1999 through 3rd Quarter 2002). Similarly, concentrations of trichloroethene (TCE) and cis-1,2-dichloroethene (cis-1,2-DCE) were detected in groundwater during several sampling rounds at more than one monitoring well location. This evidence of an increase in daughter (e.g., breakdown) products supports the contention that PCE degradation is occurring at the M-5 Landfill site, presumably due to the effectiveness of the HRC program to support the degradation processes. Subsequent injections will be conducted periodically to achieve an overall reduction of PCE concentrations to below the NJDEP GWQC of 1.0 ug/L.

2.2.4 M-8 Landfill Site Remedial Action Progress Report - Versar

A natural attenuation program was implemented to remediate benzene, chlorobenzene and PCE identified in shallow groundwater at the M-8 Landfill site during an RI conducted by the Fort Monmouth DPW between May 1997 and March 2000. This report documented the implementation and described the effectiveness of the monitored natural attenuation program for the M-8 Landfill site accomplished during the reporting period of 2nd Quarter 2000 through 3rd Quarter 2002.

A general decreasing trend of COC concentrations in groundwater was observed at the site throughout the period of groundwater sampling (2nd Quarter 2000 through 3rd Quarter 2002). Chlorobenzene was not detected above the Interim Specific GWQC of 50 ug/L in any of the 14 monitoring wells during 10 sampling rounds. A significant decrease in benzene was observed in groundwater monitoring wells M8MW15, M8MW16 and M8MW24. A decreasing trend in PCE was observed in groundwater monitoring wells M8MW12 and M8MW23, suggesting that the COC is successfully attenuating naturally over time. The occurrence of a PCE daughter product (cis-1,2-Dichloroethene) in groundwater monitoring well M8MW23 was observed, supporting the contention that PCE degradation is occurring at the M-8 Landfill site.

Based on the observed decreasing trend of COC concentrations and the increased presence of degradation products in the groundwater, the natural attenuation program continued.

3.0 MONITORING AND SAMPLING ACTIVITIES

As part of the approved LTM program, quarterly groundwater and surface water sampling was performed by DPW's base operations contractor, TECOM-Vinnell Sevices, Inc. (TVS). Groundwater sampling was performed from 4th Quarter 2003 through 3rd Quarter 2004, and surface water sampling was performed from 4th Quarter 2002 through 3rd Quarter 2004. Sampling activities were performed in accordance with the *Fort Monmouth Standard Sampling Operating Procedure* (December 1997). Laboratory analyses of the samples collected at the M-8 Landfill site were conducted at the Fort Monmouth Environmental Testing Laboratory (FMETL), a New Jersey certified laboratory (Certification No. 13461).

3.1 Groundwater Monitoring

During the groundwater sampling program at the M-8 Landfill site (eight quarterly rounds from 4th Quarter 2003 through 3rd Quarter 2004), groundwater was encountered in the 14 monitoring wells at the M-8 Landfill site at depths ranging from 3.77 to 19.71 feet below ground surface (bgs) (**Table 3-1**) with a varying gradient toward the northwest.

To determine groundwater flow conditions over time at the M-8 Landfill site, seven groundwater elevation contour maps were generated based on groundwater depth measurements collected from 12 monitoring wells at the M-8 Landfill site (M8MW12, M8MW13, M8MW15, M8MW16, M8MW17, M8MW18, M8MW19, M8MW20, M8MW21, M8MW22, M8MW23 and 697MW01). Groundwater depth measurements from M8MW14 were considered to be erroneous and were not used to generate the contour maps. Groundwater elevations for monitoring well M8MW24 were not calculated because the elevation of the inner casing survey mark is unknown. Additionally, monitoring wells adjacent to Parkers Creek (M8MW13, M8MW15, M8MW16, M8MW17, M8MW18, M8MW19, M8MW20, M8MW21 and M8MW22) may be influenced by tidal flux; therefore, contouring does not extend to those wells. However, the groundwater depth measurements in those wells were used in generating the contour maps. These contour maps (**Figure 3-1** through **Figure 3-7**) were constructed using static depth to water measurements (**Table 3-1**) observed within a few days.

Groundwater underlying the M-8 Landfill site consistently flows to the northwest towards Parkers Creek at elevations ranging from -0.12 to 8.46 feet above mean sea level (amsl) with site gradients ranging from 0.0084 feet per foot on March 21, 2003 to 0.0103 feet per foot on August 22, 2003. No significant variations in groundwater flow conditions were observed in these seven groundwater contour maps.

3.2 Groundwater Sampling

Quarterly groundwater sampling was performed by the DPW at the M-8 Landfill site from 4th Quarter 2002 through 3rd Quarter 2004 as part of the ongoing groundwater monitoring and sampling program approved by the NJDEP. Groundwater samples were collected from 14 monitoring wells (M8MW12, M8MW13, M8MW14, M8MW15,

M8MW16, M8MW17, M8MW18, M8MW19, M8MW20, M8MW21, M8MW22, M8MW23, M8MW24 and 697MW01) during eight quarterly sampling events.

A total of 154 groundwater samples, including 14 trip blanks, 14 field blanks and 14 field duplicate samples, were collected using protocols as described in the *New Jersey DEP Field Sampling Procedures Manual* (1992). The samples were analyzed for VOCs plus 15 tentatively identified compounds (TICs).

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

Copies of the chain-of-custody forms for the laboratory analyses and laboratory data sheets are presented in **Appendix C**. A summary of the groundwater sampling activities, including rounds, well IDs, sample IDs, sample locations, collection/analysis date, analytical parameters and analysis method, is provided in **Table 3-2**. **Figure 2-2** shows the locations of the monitoring wells at the M-8 Landfill site. The results of these analyses are discussed in **Section 4.1**.

3.3 Surface Water Sampling

Surface water sampling was conducted by the DPW from 4th Quarter 2002 through 3rd Quarter 2004. A total of 32 surface water samples were collected over eight rounds of sampling from four distinct surface water sample collection points (SS-5, SS-77, SS-14 and SS-15). **Figure 4-1** shows the locations of the surface water sample collection points at the M-8 Landfill site. The samples were analyzed by the FMETL for VOCs plus 15 TICs. The results of these analyses are discussed in **Section 4.2**.

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

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

4.0 SITE CHEMICAL RESULTS

This section includes a summary discussion of the chemical characterization of the site based on the various samples collected and analyzed, including eight quarterly rounds of monitoring well samples and eight rounds of surface water samples.

4.1 Groundwater Sampling Results

A total of 112 quarterly groundwater samples were collected to evaluate the progress of the LTM program with respect to benzene, chlorobenzene and PCE contamination at the M-8 Landfill site. The laboratory analytical results for each monitoring well are summarized in **Table 4-1** through **Table 4-14**. This section presents a summary of the laboratory results performed for the eight rounds of groundwater samples collected from 4th Quarter 2002 through 3rd Quarter 2004. Groundwater samples were collected from the 14 monitoring wells (M8MW12, M8MW13, M8MW14, M8MW15, M8MW16, M8MW17, M8MW18, M8MW19, M8MW20, M8MW21, M8MW22, M8MW23, M8MW24 and 697MW01) at the M-8 Landfill site. The groundwater samples were collected and analyzed for VOCs plus 15 TICs.

Analytes detected in groundwater samples at concentrations above their respective NJDEP GWQC or Iterim Specific GWQC are highlighted in **Table 4-1** through **Table 4-14**. The laboratory chain-of-custody forms and laboratory data sheets for groundwater samples are provided in **Appendix C**. **Figure 4-1** shows the groundwater contaminant distribution of the current PCE, chlorobenzene and benzene data throughout the eight sampling rounds at the M-8 Landfill site.

During eight quarterly sampling events conducted from 4th Quarter 2002 through 3rd Quarter 2004, a total of 14 VOCs were detected in site groundwater. Four VOCs were detected at concentrations that exceed their respective GWQC in at least one sample, while the remaining ten VOCs were detected below their respective GWQC.

The following sections present the analytes detected above the GWQC found in the groundwater at the M-8 Landfill site.

4.1.1 Contaminants of Concern

Based on the BCM RIR/RAWP (2000), benzene, chlorobenzene and PCE are considered to be the COCs at the M-8 Landfill site. **Figure 4-2** through **Figure 4-4** present the trends of PCE concentrations and its daughter products (cis-1,2-dichloroethene and TCE) detected in groundwater monitoring wells M8MW12 and M8MW23, respectively. **Figure 4-5** through **Figure 4-7** present the trends of benzene concentrations detected in groundwater monitoring wells M8MW15, M8MW16 and M8MW24, respectively. **Section 6.0** presents the discussion of the COC trends occurring in relation to the progress of the natural attenuation program at the M-8 Landfill site. The following paragraphs present the results of the COCs detected above the GWQC found in the groundwater at the M-8 Landfill site.

Benzene was detected at concentrations above the GWQC of 1.0 ug/L during three rounds of sampling collected from two separate monitoring well locations. Concentrations ranged from 1.08 ug/L in M8MW24 (sampling round #14) to 1.74 ug/L in M8MW16 (sampling round #14).

Chlorobenzene was not detected above its Interim Specific GWQC of 50 ug/L in any of the eight sampling rounds at any of the 14 monitoring well locations.

PCE was detected at concentrations above the GWQC of 1.0 ug/L during five rounds of sampling collected from two separate monitoring well locations. Concentrations ranged from 1.25 ug/L in 697MW01 (sampling round #14) to 9.51 ug/L in M8MW12 (sampling round #11).

4.1.2 Remaining Analyte Exceedances

The remaining contaminants, detected above the GWQC, occur at low to moderate concentrations in a limited number of groundwater monitoring well samples collected during this reporting period. A groundwater exceedence summary is presented in **Table 4-15**.

During eight quarterly sampling events conducted from 4th Quarter 2002 through 3rd Quarter 2004, a total of four VOCs (benzene, PCE, TCE and vinyl chloride) were detected in site groundwater at concentrations that exceed their respective GWQC in at least one sample. Benzene and PCE are COCs and were summarized in **Section 4.1.1**.

TCE was detected at concentrations exceeding the GWQC of 1.0 ug/L in one round of sampling collected at one monitoring well location at a concentration of 3.70 ug/L in M8MW12 (sampling round #16).

Vinyl chloride was detected at concentrations exceeding the GWQC of 5.0 ug/L in two rounds of sampling collected from one monitoring well location (M8MW23). Concentrations ranged from 5.13 ug/L (sampling round #17) to 13.71 ug/L (sampling round #18).

4.2 Surface Water Sampling Results

A total of 32 quarterly surface water samples were collected by the DPW to determine if PCE identified in groundwater has impacted the surface water quality at the M-8 Landfill site. This section presents a summary of the laboratory results performed for the eight rounds of sampling collected from 4th Quarter 2002 through 3rd Quarter 2004. Surface water samples were collected from four distinct surface water sample collection points (SS-5, SS-7, SS-14 and SS-15), which are in close proximity to the M-8 Landfill site. The surface water samples were collected and analyzed for VOC plus 15 TICs. The laboratory analytical results for stream sampling are summarized in **Table 4-16** through **Table 4-19**.

The stream sampling results were compared to the NJDEP SWQS. Analytes detected above their respective NJDEP SWQS in **Table 4-16** through **Table 4-19** are highlighted.

Figure 4-1 shows the surface water stream sites COC distribution of the current data within the area of the M-8 Landfill site. The laboratory chain-of-custody forms for surface water samples are provided in **Appendix D**.

During eight quarterly sampling events conducted from 4th Quarter 2002 through 3rd Quarter 2004, one VOC, tetrachloroethene, was detected in site surface water at concentrations that exceeded its SWQS, and 21 VOCs were detected at concentrations below their respective SWQS. A surface water exceedence summary is presented in **Table 4-20**.

Tetrachloroethene was detected at concentrations exceeding the SWQS of 0.388 ug/L in eight rounds of sampling collected from three stream sampling locations. Concentrations ranged from 0.85 ug/L (sampling round #34) at stream sampling location SS-7 to 3.96 ug/L (sampling round #30) at stream sampling location SS-15.

It should be noted that tetrachloroethene has been identified in stream samples collected upstream at the entrance to Fort Monmouth property (SS-15), indicating that an unidentified off-Post source originates upstream. Tetrachloroethene is not identified in amy monitoring wells near the stream.

4.3 Quality Assurance/Quality Control (QA/QC)

In order to verify the reliability of the analytical results, Versar reviewed the holding times for each sample and the results of the analysis of 17 method blanks, 14 trip blanks, 14 field blanks, and 14 field duplicate samples. All samples were analyzed by the FMETL within the prescribed holding time requirements for each analytical method.

Method Blanks

Laboratory method blanks accompanied each batch of samples for the M-8 Landfill site. These method blanks consist of laboratory-grade water that is processed identically to the samples and analyzed with the sample batch. A total of 17 method blanks were analyzed with the M-8 Landfill site samples.

Two VOCs were detected in at least one method blank sample. Acetone was detected in five of the 17 method blank samples at concentrations below is NJDEP criteria. Chloroform was detected in three of the 17 method blank samples at concentrations below its NJDEP GWQC. Acetone and chloroform are common laboratory contaminants, and their detection in only a few method blank samples is not indicative of a widespread laboratory contamination problem. The primary COCs (benzene, chlorobenzene and PCE) were not detected in any of the method blank samples.

Trip Blanks

Fourteen trip blanks were included as part of the M-8 Landfill site sampling programs to document that volatile organics were not introduced into the samples during the handling process. The trip blanks were prepared by the FMETL and consisted of sample bottles filled with laboratory deionized water. The trip blanks remained with the sample bottles in coolers and were returned to the laboratory for analysis with the groundwater samples.

Two VOCs were detected in at least one trip blank. Chloroform was detected in ten of the trip blanks at concentrations below the NJDEP criteria. The detection of chloroform indicates that sample-handling procedures, including the sample glassware, may have introduced contamination into the sampling and analysis process. Chlorobenzene was detected in one of the trip blanks at a concentration below the NJDEP criteria. This one occurrence of a COC is not indicative of widespread laboratory contamination.

Field Blanks

One field blank sample was obtained during each day's sampling activities to document the equipment decontamination procedures. A total of 14 field blanks were collected during the M-8 Landfill site sampling events. The field blanks were collected by rinsing laboratory-supplied deionized water over the sampling equipment used for each day's activities. The water was collected in clean laboratory-supplied sample jars and submitted for analysis along with the M-8 Landfill site groundwater samples.

The results of the field blank analyses showed that one VOC was detected in at least one field blank. Chloroform was detected in ten of the 14 field blanks at concentrations below the NJDEP criteria. As noted for the trip blanks, the detection of chloroform indicates that sample-handling procedures, including the sample glassware, may have introduced contamination into the sampling and analysis process. In addition, the same VOCs found in the field blanks were also found in the trip blanks, suggesting that the sampling and decontamination procedures did not introduce additional contamination. The primary COCs (benzene, chlorobenzene and PCE) were not detected in any of the field blanks.

Duplicate Samples

Fourteen field duplicate samples were also collected during the M-8 Landfill site sampling events to verify the consistency of the entire sampling and analytical procedure. The results for all of the duplicate samples were close to those obtained for the original samples. The relative percent differences (RPDs) for the duplicate sample VOCs ranged from 0.0% to 59.9%, however the average RPD for all VOC results is 9.0%. The RPDs for PCE also ranged from 0.3% to 4.4%, with an average of 2.3%. The RPDs for chlorobenzene ranged from 0.0% to 4.1%, with an average of 1.9%. The RPDs for benzene ranged from 1.5% to 3.5%, with an average of 2.3%. Even though the RPD ranges for VOCs exceeded the established laboratory limit of 30%, their averages were well below the 30%. Overall, this indicates that very good precision was maintained.

Based on average RPDs, the QA/QC sample results indicate good precision for all of the analyses.

5.0 REMEDIAL ACTION PROGRESS

The data support the effectiveness of the natural attenuation program and long-term groundwater monitoring program. A decreasing trend of COC concentrations were observed in the groundwater monitoring wells at the M-8 Landfill site, suggesting that the COCs are successfully attenuating naturally over time.

5.1 Progress

The groundwater analytical results presented in **Table 4-1** through **Table 4-14** indicate that no COCs were detected in groundwater monitoring wells M8MW13, M8MW19, M8MW20, M8MW21 and M8MW22. COC detections and exceedences were only recorded in monitoring wells M8MW12, M8MW14, M8MW15, M8MW16, M8MW17, M8MW18, M8MW23, M8MW24 and 697MW01 (**Figure 4-1**).

An overall decreasing trend in benzene was observed in groundwater monitoring wells M8MW15, M8MW16 and M8MW24, suggesting that the COC is successfully attenuating naturally over time (**Figure 4-5** through **Figure 4-7**). A decreasing trend in PCE was observed in groundwater monitoring wells M8MW12, M8MW23 and 697MW01, suggesting that the COC is successfully attenuating naturally over time (**Figure 4-2** through **Figure 4-4**). The occurrence of PCE daughter products (TCE in groundwater monitoring well M8MW12 and cis-1,2-dichloroethene in groundwater monitoring well M8MW23) was observed (**Figure 4-2** and **Figure 4-3**). Overall, the evidence of daughter products indicates that PCE degradation is progressing at the M-8 Landfill site (Wiedemeier, 1999).

5.2 Costs

The estimated annual costs for implementation of the remedial actions performed at the M-8 Landfill site are provided below:

Estimated Annual Costs of Remedial Actions Performed at the M-8 Landfill site	
TASK	**ESTIMATED COSTS**
1. Total Labor Cost	$ 3,200
2. Laboratory Cost	$ 12,240
TOTAL ESTIMATED COSTS	$ 15,440

5.3 Recommendations

Based on the progress of the natural attenuation and LTM program, as discussed above, this program will continue with minor modifications. The progress of the natural attenuation and LTM program, methodologies, field activities and analytical data will continue to be reported to the NJDEP in progress reports. Groundwater monitoring and sampling will continue as part of the LTM program at the installation

5.3.1 Sampling Program

The table below provides a summary of the current quarterly groundwater and surface water sampling program at the M-8 Landfill site. Any future alterations involving laboratory analyses and the elimination of certain wells from the program will be based on the distribution of the contaminants of concern over time.

Monitoring Well	Analyzed for	Future Sampling Status	Reason
M8MW12	VOCs	Continue VOCs Quarterly	COC exceedances.
M8MW13	VOCs	Continue VOCs Quarterly	No COC detections for eight rounds, but is downgradient of exceeding wells.
M8MW14	VOCs	Continue VOCs Quarterly	No COC exceedances for eight rounds, but is downgradient of exceeding wells.
M8MW15	VOCs	Continue VOCs Quarterly	No COC exceedances for eight rounds, but is downgradient of exceeding wells.
M8MW16	VOCs	Continue VOCs Quarterly	COC exceedance in one round.
M8MW17	VOCs	Continue VOCs Quarterly	No COC exceedances for eight rounds, but is downgradient of exceeding wells.
M8MW18	VOCs	Continue VOCs Quarterly	No COC exceedances for eight rounds, but is downgradient of exceeding wells.
M8MW19	VOCs	Continue VOCs Quarterly	No COC detections for eight rounds, but is downgradient of exceeding wells.
M8MW20	VOCs	Continue VOCs Quarterly	No COC detections for eight rounds, but is downgradient of exceeding wells.
M8MW21	VOCs	Continue VOCs Quarterly	No COC detections for eight rounds, but is downgradient of exceeding wells.
M8MW22	VOCs	Continue VOCs Quarterly	NO COC detections for eight rounds.
M8MW23	VOCs	Continue VOCs Quarterly	No COC exceedances for eight rounds, but is downgradient of exceeding wells.
M8MW24	VOCs	Continue VOCs Quarterly	COC exceedances.
697MW01	VOCs	Continue VOCs Quarterly	COC exceedances.

Stream Site	Analyzed for	Future Sampling Status	Reason
SS-5	VOCs	Continue Quarterly	No detections for 8 rounds.
SS-7	VOCs	Continue Quarterly	No detections for 8 rounds.
SS-14	VOCs	Continue Quarterly	No detections for 8 rounds.
SS-15	VOCs	Continue Quarterly	No detections for 8 rounds.

6.0 REFERENCES

BCM Engineering, September 2000, *Remedial Action Workplan – Landfill M-8, Main Post, Fort Monmouth, New Jersey.*

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

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

Versar Inc., September 2002, *Scope of Work for the M-8 Landfill Remedial Action Progress Report, Fort Monmouth, New Jersey*.

Versar, Inc., August 2003, *Remedial Action Progress Report – M-5 Landfill Site, Main Post, Fort Monmouth, New Jersey*.

Versar, Inc., May 2004, *Remedial Action Progress Report – M-8 Landfill Site, Main Post, Fort Monmouth, New Jersey*.

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

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

TABLES

Table 3-1
Groundwater Elevation Summary
M-8 Landfill Site
Fort Monmouth, New Jersey

Groundwater Sampling Round:		#11			#12			#13		
Well ID	Elev. of Inner Casing Survey Mark	Date	Depth to Water	Ground-water Elev.	Date	Depth to Water	Ground-water Elev.	Date	Depth to Water	Ground-water Elev.
697MW01	17.94	12/13/02	11.17	6.77	03/21/03	11.80	6.14	05/30/03	12.05	5.89
M8MW12	15.20	12/13/02	8.08	7.12	03/21/03	8.30	6.90	05/30/03	8.52	6.68
M8MW13	7.80	12/10/02	5.21	2.59	03/21/03	6.29	1.51	05/30/03	6.55	1.25
M8MW14	14.91	12/10/02	8.31	6.60	03/21/03	6.51	8.40	05/30/03	6.45	8.46
M8MW15	7.01	12/13/02	6.06	0.95	03/21/03	3.77	3.24	05/30/03	4.74	2.27
M8MW16	10.71	12/13/02	5.31	5.40	03/21/03	7.73	2.98	05/30/03	7.75	2.96
M8MW17	9.24	12/13/02	4.61	4.63	03/21/03	5.70	3.54	05/30/03	5.95	3.29
M8MW18	8.84	12/10/02	6.20	2.64	03/21/03	6.16	2.68	05/30/03	6.00	2.84
M8MW19	9.71	12/10/02	7.10	2.61	03/21/03	5.73	3.98	05/30/03	6.81	2.90
M8MW20	9.10	12/10/02	6.76	2.34	03/21/03	6.60	2.50	05/30/03	6.81	2.29
M8MW21	8.04	12/10/02	5.31	2.73	03/21/03	5.98	2.06	05/30/03	6.21	1.83
M8MW22	8.32	12/10/02	7.77	0.55	03/21/03	6.31	2.01	05/30/03	6.25	2.07
M8MW23	11.82	12/10/02	7.61	4.21	03/21/03	8.11	3.71	05/30/03	8.22	3.60
M8MW24	NM	12/13/02	19.09	NC	03/20/03	19.06	NC	06/25/03	15.23	NC

Notes:
1) Elev.: Elevation in feet above mean sea level.
2) Depth to water: depth in feet from the inner casing survey mark.
3) NM: Not Measured
4) NC: Not Calculated
5) Elevation data obtained from DPW via email on 3/3/03.
6) M8MW24 was not surveyed, data will not be contoured.

Table 3-1
Groundwater Elevation Summary
M-8 Landfill Site
Fort Monmouth, New Jersey

Groundwater Sampling Round:		#14			#15			#16		
Well ID	Elev. of Inner Casing Survey Mark	Date	Depth to Water	Ground-water Elev.	Date	Depth to Water	Ground-water Elev.	Date	Depth to Water	Ground-water Elev.
697MW01	17.94	08/22/03	12.77	5.17	12/30/03	12.04	5.90	03/09/04	12.70	5.24
M8MW12	15.20	08/22/03	9.34	5.86	12/12/03	8.38	6.82	03/09/04	8.99	6.21
M8MW13	7.80	08/22/03	6.67	1.13	12/12/03	6.25	1.55	03/05/04	5.76	2.04
M8MW14	14.91	08/22/03	8.00	6.91	12/12/03	7.03	7.88	03/05/04	7.61	7.30
M8MW15	7.01	08/22/03	5.75	1.26	12/30/03	3.90	3.11	03/09/04	4.12	2.89
M8MW16	10.71	08/22/03	7.94	2.77	12/30/03	8.43	2.28	03/09/04	8.13	2.58
M8MW17	9.24	08/22/03	6.54	2.70	12/30/03	5.91	3.33	03/09/04	4.08	5.16
M8MW18	8.84	08/22/03	6.90	1.94	12/12/03	6.03	2.81	03/05/04	6.60	2.24
M8MW19	9.71	08/22/03	7.65	2.06	12/12/03	6.07	3.64	03/05/04	7.29	2.42
M8MW20	9.10	08/22/03	7.30	1.80	12/12/03	7.20	1.90	03/05/04	7.00	2.10
M8MW21	8.04	08/22/03	6.31	1.73	12/12/03	5.95	2.09	03/05/04	8.16	-0.12
M8MW22	8.32	08/22/03	6.68	1.64	12/12/03	6.17	2.15	03/05/04	6.20	2.12
M8MW23	11.82	08/22/03	8.80	3.02	12/30/03	8.10	3.72	03/09/04	8.68	3.14
M8MW24	NM	09/08/03	13.21	NC	11/21/03	19.03	NC	02/25/04	19.71	NC

Notes:
1) Elev.: Elevation in feet above mean sea level.
2) Depth to water: depth in feet from the inner casing survey mark.
3) NM: Not Measured
4) NC: Not Calculated
5) Elevation data obtained from DPW via email on 3/3/03.
6) M8MW24 was not surveyed, data will not be contoured.

Table 3-1
Groundwater Elevation Summary
M-8 Landfill Site
Fort Monmouth, New Jersey

Groundwater Sampling Round:		#17			#18		
Well ID	Elev. of Inner Casing Survey Mark	Date	Depth to Water	Ground-water Elev.	Date	Depth to Water	Ground-water Elev.
697MW01	17.94	06/28/04	12.93	5.01	08/30/04	12.76	5.18
M8MW12	15.20	06/28/04	9.54	5.66	08/30/04	8.76	6.44
M8MW13	7.80	06/28/04	6.75	1.05	08/30/04	6.41	1.39
M8MW14	14.91	06/28/04	8.15	6.76	08/30/04	7.93	6.98
M8MW15	7.01	06/28/04	5.76	1.25	08/30/04	5.31	1.70
M8MW16	10.71	06/28/04	8.78	1.93	08/30/04	8.10	2.61
M8MW17	9.24	06/28/04	6.48	2.76	08/30/04	6.20	3.04
M8MW18	8.84	06/28/04	6.89	1.95	08/30/04	6.31	2.53
M8MW19	9.71	06/28/04	7.83	1.88	08/30/04	7.40	2.31
M8MW20	9.10	06/28/04	7.29	1.81	08/30/04	6.89	2.21
M8MW21	8.04	06/28/04	6.37	1.67	08/30/04	6.21	1.83
M8MW22	8.32	06/28/04	6.94	1.38	08/30/04	6.51	1.81
M8MW23	11.82	06/28/04	8.98	2.84	08/30/04	8.71	3.11
M8MW24	NM	06/28/04	19.49	NC	08/30/04	19.21	NC

Notes:
1) Elev.: Elevation in feet above mean sea level.
2) Depth to water: depth in feet from the inner casing survey mark.
3) NM: Not Measured
4) NC: Not Calculated
5) Elevation data obtained from DPW via email on 3/3/03.
6) M8MW24 was not surveyed, data will not be contoured.

Table 3-2
Surface Water Sampling Summary
Site M-8
Fort Monmouth, New Jersey

Round	Field Sample ID	Lab Sample ID	Date Collected	Matrix	Analytical Parameters	Analytical Methods
#11						
	TB	2087601	12/10/2002	Aqueous	VOCs	Method 8260
	FB	2087602	12/10/2002	Aqueous	VOCs	Method 8260
	FD	2087603	12/10/2002	Aqueous	VOCs	Method 8260
	M8MW22	2087604	12/10/2002	Aqueous	VOCs	Method 8260
	M8MW21	2087605	12/10/2002	Aqueous	VOCs	Method 8260
	M8MW20	2087606	12/10/2002	Aqueous	VOCs	Method 8260
	M8MW19	2087607	12/10/2002	Aqueous	VOCs	Method 8260
	M8MW18	2087608	12/10/2002	Aqueous	VOCs	Method 8260
	M8MW13	2087609	12/10/2002	Aqueous	VOCs	Method 8260
	M8MW14	2087610	12/10/2002	Aqueous	VOCs	Method 8260
	M8MW23	2087611	12/10/2002	Aqueous	VOCs	Method 8260
	TB	2088501	12/13/2002	Aqueous	VOCs	Method 8260
	FB	2088502	12/13/2002	Aqueous	VOCs	Method 8260
	FD	2088503	12/13/2002	Aqueous	VOCs	Method 8260
	M8MW12	2088504	12/13/2002	Aqueous	VOCs	Method 8260
	M8MW15	2088505	12/13/2002	Aqueous	VOCs	Method 8260
	M8MW16	2088506	12/13/2002	Aqueous	VOCs	Method 8260
	M8MW17	2088507	12/13/2002	Aqueous	VOCs	Method 8260
	697MW01	2088508	12/13/2002	Aqueous	VOCs	Method 8260
	M8MW24	2088601	12/13/2002	Aqueous	VOCs	Method 8260
#12						
	TB	3012701	3/20/2003	Aqueous	VOCs	Method 8260
	FB	3012702	3/20/2003	Aqueous	VOCs	Method 8260
	FD	3012703	3/20/2003	Aqueous	VOCs	Method 8260
	M8MW24	3012704	3/20/2003	Aqueous	VOCs	Method 8260
	TB	3013201	3/21/2003	Aqueous	VOCs	Method 8260
	FB	3013202	3/21/2003	Aqueous	VOCs	Method 8260
	FD	3013203	3/21/2003	Aqueous	VOCs	Method 8260
	M8MW12	3013204	3/21/2003	Aqueous	VOCs	Method 8260
	M8MW13	3013205	3/21/2003	Aqueous	VOCs	Method 8260
	M8MW14	3013206	3/21/2003	Aqueous	VOCs	Method 8260
	M8MW15	3013207	3/21/2003	Aqueous	VOCs	Method 8260
	M8MW16	3013208	3/21/2003	Aqueous	VOCs	Method 8260
	M8MW17	3013209	3/21/2003	Aqueous	VOCs	Method 8260

Notes: VOCs = Volatile Organic Compounds

Table 3-2
Surface Water Sampling Summary
Site M-8
Fort Monmouth, New Jersey

Round	Field Sample ID	Lab Sample ID	Date Collected	Matrix	Analytical Parameters	Analytical Methods
	M8MW18	3013210	3/21/2003	Aqueous	VOCs	Method 8260
	M8MW19	3013211	3/21/2003	Aqueous	VOCs	Method 8260
	M8MW20	3013212	3/21/2003	Aqueous	VOCs	Method 8260
	M8MW21	3013213	3/21/2003	Aqueous	VOCs	Method 8260
	M8MW22	3013214	3/21/2003	Aqueous	VOCs	Method 8260
	M8MW23	3013215	3/21/2003	Aqueous	VOCs	Method 8260
	697MW01	3013216	3/21/2003	Aqueous	VOCs	Method 8260
#13						
	TB	3025401	5/30/2003	Aqueous	VOCs	Method 8260
	FB	3025402	5/30/2003	Aqueous	VOCs	Method 8260
	FD	3025403	5/30/2003	Aqueous	VOCs	Method 8260
	M8MW12	3025404	5/30/2003	Aqueous	VOCs	Method 8260
	M8MW13	3025405	5/30/2003	Aqueous	VOCs	Method 8260
	M8MW14	3025406	5/30/2003	Aqueous	VOCs	Method 8260
	M8MW15	3025407	5/30/2003	Aqueous	VOCs	Method 8260
	M8MW16	3025408	5/30/2003	Aqueous	VOCs	Method 8260
	M8MW17	3025409	5/30/2003	Aqueous	VOCs	Method 8260
	M8MW18	3025410	5/30/2003	Aqueous	VOCs	Method 8260
	M8MW19	3025411	5/30/2003	Aqueous	VOCs	Method 8260
	M8MW20	3025412	5/30/2003	Aqueous	VOCs	Method 8260
	M8MW21	3025413	5/30/2003	Aqueous	VOCs	Method 8260
	M8MW22	3025414	5/30/2003	Aqueous	VOCs	Method 8260
	M8MW23	3025415	5/30/2003	Aqueous	VOCs	Method 8260
	697MW01	3025416	5/30/2003	Aqueous	VOCs	Method 8260
	TB	3032101	6/25/2003	Aqueous	VOCs	Method 8260
	FB	3032102	6/25/2003	Aqueous	VOCs	Method 8260
	M8MW24	3032103	6/25/2003	Aqueous	VOCs	Method 8260
#14						
	TB	3054101	8/22/2003	Aqueous	VOCs	Method 8260
	FB	3054102	8/22/2003	Aqueous	VOCs	Method 8260
	FD	3054103	8/22/2003	Aqueous	VOCs	Method 8260
	M8MW12	3054104	8/22/2003	Aqueous	VOCs	Method 8260
	M8MW13	3054105	8/22/2003	Aqueous	VOCs	Method 8260
	M8MW14	3054106	8/22/2003	Aqueous	VOCs	Method 8260
	M8MW15	3054107	8/22/2003	Aqueous	VOCs	Method 8260

Notes: VOCs = Volatile Organic Compounds

Table 3-2
Surface Water Sampling Summary
Site M-8
Fort Monmouth, New Jersey

Round	Field Sample ID	Lab Sample ID	Date Collected	Matrix	Analytical Parameters	Analytical Methods
	M8MW16	3054108	8/22/2003	Aqueous	VOCs	Method 8260
	M8MW17	3054109	8/22/2003	Aqueous	VOCs	Method 8260
	M8MW18	3054110	8/22/2003	Aqueous	VOCs	Method 8260
	M8MW19	3054111	8/22/2003	Aqueous	VOCs	Method 8260
	M8MW20	3054112	8/22/2003	Aqueous	VOCs	Method 8260
	M8MW21	3054113	8/22/2003	Aqueous	VOCs	Method 8260
	M8MW22	3054114	8/22/2003	Aqueous	VOCs	Method 8260
	M8MW23	3054115	8/22/2003	Aqueous	VOCs	Method 8260
	697MW01	3054116	8/22/2003	Aqueous	VOCs	Method 8260
	TB	3058001	9/8/2003	Aqueous	VOCs	Method 8260
	FB	3058002	9/8/2003	Aqueous	VOCs	Method 8260
	FD	3058003	9/8/2003	Aqueous	VOCs	Method 8260
	M8MW24	3058004	9/8/2003	Aqueous	VOCs	Method 8260
#15						
	TB	3075501	11/21/2003	Aqueous	VOCs	Method 8260
	FB	3075502	11/21/2003	Aqueous	VOCs	Method 8260
	FD	3075503	11/21/2003	Aqueous	VOCs	Method 8260
	M8MW24	3075504	11/21/2003	Aqueous	VOCs	Method 8260
	TB	3080401	12/12/2003	Aqueous	VOCs	Method 8260
	FB	3080402	12/12/2003	Aqueous	VOCs	Method 8260
	FD	3080403	12/12/2003	Aqueous	VOCs	Method 8260
	M8MW12	3080404	12/12/2003	Aqueous	VOCs	Method 8260
	M8MW13	3080405	12/12/2003	Aqueous	VOCs	Method 8260
	M8MW14	3080406	12/12/2003	Aqueous	VOCs	Method 8260
	M8MW18	3080407	12/12/2003	Aqueous	VOCs	Method 8260
	M8MW19	3080408	12/12/2003	Aqueous	VOCs	Method 8260
	M8MW20	3080409	12/12/2003	Aqueous	VOCs	Method 8260
	M8MW21	3080410	12/12/2003	Aqueous	VOCs	Method 8260
	M8MW22	3080411	12/12/2003	Aqueous	VOCs	Method 8260
	TB	3083101	12/30/2003	Aqueous	VOCs	Method 8260
	FB	3083102	12/30/2003	Aqueous	VOCs	Method 8260
	FD	3083103	12/30/2003	Aqueous	VOCs	Method 8260
	M8MW15	3083104	12/30/2003	Aqueous	VOCs	Method 8260
	M8MW16	3083105	12/30/2003	Aqueous	VOCs	Method 8260
	M8MW17	3083106	12/30/2003	Aqueous	VOCs	Method 8260
	M8MW23	3083107	12/30/2003	Aqueous	VOCs	Method 8260

Notes: VOCs = Volatile Organic Compounds

Table 3-2
Surface Water Sampling Summary
Site M-8
Fort Monmouth, New Jersey

Round	Field Sample ID	Lab Sample ID	Date Collected	Matrix	Analytical Parameters	Analytical Methods
	697MW01	3083108	12/30/2003	Aqueous	VOCs	Method 8260
#16						
	M8MW24	4014201	2/25/2004	Aqueous	VOCs	Method 8260
	TB	4015501	3/5/2004	Aqueous	VOCs	Method 8260
	FB	4015502	3/5/2004	Aqueous	VOCs	Method 8260
	FD	4015503	3/5/2004	Aqueous	VOCs	Method 8260
	M8MW22	4015504	3/5/2004	Aqueous	VOCs	Method 8260
	M8MW21	4015505	3/5/2004	Aqueous	VOCs	Method 8260
	M8MW20	4015506	3/5/2004	Aqueous	VOCs	Method 8260
	M8MW19	4015507	3/5/2004	Aqueous	VOCs	Method 8260
	M8MW18	4015508	3/5/2004	Aqueous	VOCs	Method 8260
	M8MW13	4015509	3/5/2004	Aqueous	VOCs	Method 8260
	M8MW14	4015510	3/5/2004	Aqueous	VOCs	Method 8260
	TB	4015701	3/9/2004	Aqueous	VOCs	Method 8260
	FB	4015702	3/9/2004	Aqueous	VOCs	Method 8260
	FD	4015703	3/9/2004	Aqueous	VOCs	Method 8260
	M8MW12	4015704	3/9/2004	Aqueous	VOCs	Method 8260
	M8MW15	4015705	3/9/2004	Aqueous	VOCs	Method 8260
	M8MW16	4015706	3/9/2004	Aqueous	VOCs	Method 8260
	M8MW17	4015707	3/9/2004	Aqueous	VOCs	Method 8260
	M8MW23	4015708	3/9/2004	Aqueous	VOCs	Method 8260
	697MW01	4015709	3/9/2004	Aqueous	VOCs	Method 8260
#17						
	TB	4049401	6/28/2004	Aqueous	VOCs	Method 8260
	FB	4049402	6/28/2004	Aqueous	VOCs	Method 8260
	FD	4049403	6/28/2004	Aqueous	VOCs	Method 8260
	M8MW12	4049404	6/28/2004	Aqueous	VOCs	Method 8260
	M8MW13	4049405	6/28/2004	Aqueous	VOCs	Method 8260
	M8MW14	4049406	6/28/2004	Aqueous	VOCs	Method 8260
	M8MW15	4049407	6/28/2004	Aqueous	VOCs	Method 8260
	M8MW16	4049408	6/28/2004	Aqueous	VOCs	Method 8260
	M8MW17	4049409	6/28/2004	Aqueous	VOCs	Method 8260
	M8MW18	4049410	6/28/2004	Aqueous	VOCs	Method 8260
	M8MW19	4049411	6/28/2004	Aqueous	VOCs	Method 8260
	M8MW20	4049412	6/28/2004	Aqueous	VOCs	Method 8260

Notes: VOCs = Volatile Organic Compounds

Table 3-2
Surface Water Sampling Summary
Site M-8
Fort Monmouth, New Jersey

Round	Field Sample ID	Lab Sample ID	Date Collected	Matrix	Analytical Parameters	Analytical Methods
	M8MW21	4049413	6/28/2004	Aqueous	VOCs	Method 8260
	M8MW22	4049414	6/28/2004	Aqueous	VOCs	Method 8260
	M8MW23	4049415	6/28/2004	Aqueous	VOCs	Method 8260
	697MW01	4049416	6/28/2004	Aqueous	VOCs	Method 8260
	M8MW24	4049901	6/28/2004	Aqueous	VOCs	Method 8260
#18						
	TB	4063701	8/30/2004	Aqueous	VOCs	Method 8260
	FB	4063702	8/30/2004	Aqueous	VOCs	Method 8260
	FD	4063703	8/30/2004	Aqueous	VOCs	Method 8260
	M8MW12	4063704	8/30/2004	Aqueous	VOCs	Method 8260
	M8MW13	4063705	8/30/2004	Aqueous	VOCs	Method 8260
	M8MW14	4063706	8/30/2004	Aqueous	VOCs	Method 8260
	M8MW15	4063707	8/30/2004	Aqueous	VOCs	Method 8260
	M8MW16	4063708	8/30/2004	Aqueous	VOCs	Method 8260
	M8MW17	4063709	8/30/2004	Aqueous	VOCs	Method 8260
	M8MW18	4063710	8/30/2004	Aqueous	VOCs	Method 8260
	M8MW19	4063711	8/30/2004	Aqueous	VOCs	Method 8260
	M8MW20	4063712	8/30/2004	Aqueous	VOCs	Method 8260
	M8MW21	4063713	8/30/2004	Aqueous	VOCs	Method 8260
	M8MW22	4063714	8/30/2004	Aqueous	VOCs	Method 8260
	M8MW23	4063715	8/30/2004	Aqueous	VOCs	Method 8260
	M8MW24	4063716	8/30/2004	Aqueous	VOCs	Method 8260
	697MW01	4063717	8/30/2004	Aqueous	VOCs	Method 8260

Notes: VOCs = Volatile Organic Compounds

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

Round	Field Sample ID	Lab Sample ID	Date Collected	Matrix	Analytical Parameters	Analytical Methods
#28						
	SS-14	2066604	9/18/2002	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-15	2066607	9/18/2002	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-7	2066612	9/18/2002	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
	SS-5	2066622	9/18/2002	Aqueous	Pest/PCBs; VOCs; Wet Chemistry	Method 608; Method 601/602; (Wet Chemistry)
#29						
	SS-7	2078010	11/4/2002	Aqueous	Pest/PCBs; VOCs	Method 608; Method 601/602, Method 624, Method 8260, Method 8260A
	SS-5	2078014	11/4/2002	Aqueous	Pest/PCBs; VOCs	Method 608; Method 601/602, Method 624, Method 8260, Method 8260A
	SS-15	2078707	11/5/2002	Aqueous	Pest/PCBs; VOCs	Method 608; Method 601/602, Method 624, Method 8260, Method 8260A
	SS-14	2078712	11/5/2002	Aqueous	Pest/PCBs; VOCs	Method 608; Method 601/602, Method 624, Method 8260, Method 8260A
#30						
	SS-7	3011815	3/13/2003	Aqueous	Pest/PCBs; VOCs	Method 608; Method 601/602, Method 624, Method 8260, Method 8260A
	SS-5	3011818	3/13/2003	Aqueous	Pest/PCBs; VOCs	Method 608; Method 601/602, Method 624, Method 8260, Method 8260A
	SS-15	3013404	3/24/2003	Aqueous	Pest/PCBs; VOCs	Method 608; Method 601/602, Method 624, Method 8260, Method 8260A
	SS-14	3013410	3/24/2003	Aqueous	Pest/PCBs; VOCs	Method 608; Method 601/602, Method 624, Method 8260, Method 8260A
#31						
	SS-15	3024712	5/21/2003	Aqueous	Pest/PCBs; VOCs	Method 608; Method 601/602, Method 624, Method 8260, Method 8260A
	SS-5	3024715	5/21/2003	Aqueous	Pest/PCBs; VOCs	Method 608; Method 601/602, Method 624, Method 8260, Method 8260A
	SS-7	3024717	5/21/2003	Aqueous	Pest/PCBs; VOCs	Method 608; Method 601/602, Method 624, Method 8260, Method 8260A
	SS-14	3024720	5/21/2003	Aqueous	Pest/PCBs; VOCs	Method 608; Method 601/602, Method 624, Method 8260, Method 8260A
#32						
	SS-7	3059213	9/17/2003	Aqueous	Pest/PCBs; VOCs	Method 608; Method 601/602, Method 624, Method 8260, Method 8260A
	SS-5	3059216	9/17/2003	Aqueous	Pest/PCBs; VOCs	Method 608; Method 601/602, Method 624, Method 8260, Method 8260A
	SS-15	3059220	9/17/2003	Aqueous	Pest/PCBs; VOCs	Method 608; Method 601/602, Method 624, Method 8260, Method 8260A
	SS-14	3059225	9/17/2003	Aqueous	Pest/PCBs; VOCs	Method 608; Method 601/602, Method 624, Method 8260, Method 8260A
#33						
	SS-7	3070013	11/4/2003	Aqueous	Pest/PCBs; VOCs	Method 608; Method 601/602, Method 624, Method 8260, Method 8260A
	SS-5	3070016	11/4/2003	Aqueous	Pest/PCBs; VOCs	Method 608; Method 601/602, Method 624, Method 8260, Method 8260A
	SS-15	3070020	11/4/2003	Aqueous	Pest/PCBs; VOCs	Method 608; Method 601/602, Method 624, Method 8260, Method 8260A
	SS-14	3070025	11/4/2003	Aqueous	Pest/PCBs; VOCs	Method 608; Method 601/602, Method 624, Method 8260, Method 8260A
#34						
	SS-7	4018213	3/17/2004	Aqueous	Pest/PCBs; VOCs	Method 608; Method 601/602, Method 624, Method 8260, Method 8260A

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

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

Round	Field Sample ID	Lab Sample ID	Date Collected	Matrix	Analytical Parameters	Analytical Methods
	SS-5	4018216	3/17/2004	Aqueous	Pest/PCBs; VOCs	Method 608; Method 601/602, Method 624, Method 8260, Method 8260A
	SS-15	4018220	3/17/2004	Aqueous	Pest/PCBs; VOCs	Method 608; Method 601/602, Method 624, Method 8260, Method 8260A
	SS-14	4018225	3/17/2004	Aqueous	Pest/PCBs; VOCs	Method 608; Method 601/602, Method 624, Method 8260, Method 8260A
#35						
	SS-7	4063213	8/26/2004	Aqueous	Pest/PCBs; VOCs	Method 608; Method 601/602, Method 624, Method 8260, Method 8260A
	SS-5	4063216	8/26/2004	Aqueous	Pest/PCBs; VOCs	Method 608; Method 601/602, Method 624, Method 8260, Method 8260A
	SS-15	4063220	8/26/2004	Aqueous	Pest/PCBs; VOCs	Method 608; Method 601/602, Method 624, Method 8260, Method 8260A
	SS-14	4063225	8/26/2004	Aqueous	Pest/PCBs; VOCs	Method 608; Method 601/602, Method 624, Method 8260, Method 8260A

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

Table 4-1

Groundwater Sampling Results

Site M-8

Fort Monmouth, New Jersey

Round	Criterion	Units	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14
WELL ID			M8MW12	M8MW12	M8MW12	M8MW12	M8MW12	M8MW12	M8MW12	M8MW12	M8MW12	M8MW12	M8MW12	M8MW12	M8MW12	M8MW12
Date Collected			6/5/2000	9/6/2000	12/13/2000	3/21/2001	6/8/2001	9/24/2001	12/17/2001	3/21/2002	6/11/2002	9/23/2002	12/13/2002	3/21/2003	5/30/2003	8/22/2003
ANALYTE / Lab ID	Criterion	Units	5454.04	5693.04	5906.04	1601104	1617404	1644804	1666204	2016204	2036104	2067804	2088504	3013204	3025404	3054104
VOCs																
1,2-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	75	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	300	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	14.04	59.8	2.78	ND	9.29
Acetone	700	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	800 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	50 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	6	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	70 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.03	ND	ND	2.73
Ethylbenzene	700	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	3 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-tert-Butyl ether	NLE	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
Tetrachloroethylene	1	ug/L	10.89	7.63	3.42	4.72	6.59	7.24	25.43	29.19	29.04	11.44	9.51	4.45	3.1	ND
Toluene	1000	ug/L	3.29	22.06	ND	ND	ND	ND	ND	ND	ND	1.18	2.66	ND	ND	ND
Trichloroethylene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.92	ND	ND
Trichlorofluoromethane	2000 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs																
1,2-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
1,3-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
1,4-Dichlorobenzene	75	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
2-Methylnaphthalene	100 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
2-Methylphenol	NLE *	ug/L	ND	1.79	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4-Chloro-3-Methylphenol	100 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4-Methylphenol	NLE *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	17.6	NA	NA	NA	NA
Acenaphthene	400	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Benzoic Acid	30000 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	30	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Dibenzofuran	100 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Diethylphthalate	5000	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Di-n-butylphthalate	900	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Fluorene	300	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Naphthalene	300 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Pest/PCBs																
4,4'-DDD	.1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4,4'-DDE	.1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4,4'-DDT	.1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
alpha-Chlordane	.5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Arochlor 1242	.5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Dieldrin	.03	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
gamma-Chlordane	.5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Heptachlor	.4	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Methoxychlor	40	ug/L	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																
Aluminum	200	ug/L	355	1760	401	870	508	2530	290	568	553	847	NA	NA	NA	NA
Antimony	20	ug/L	ND	ND	ND	7	ND	ND	ND	2.62	ND	ND	NA	NA	NA	NA
Arsenic	8	ug/L	ND	3.59	ND	ND	5.65	ND	ND	4.44	ND	16.8	NA	NA	NA	NA
Barium	2000	ug/L	13.4	10.5	5.6	5.7	15.2	18.9	7.28	7.49	8.19	12.9	NA	NA	NA	NA
Beryllium	20	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA

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

Table 4-1

Groundwater Sampling Results

Site M-8

Fort Monmouth, New Jersey

Round	Criterion	Units	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14
WELL ID			M8MW12	M8MW12	M8MW12	M8MW12	M8MW12	M8MW12	M8MW12	M8MW12	M8MW12	M8MW12	M8MW12	M8MW12	M8MW12	M8MW12
Date Collected			6/5/2000	9/6/2000	12/13/2000	3/21/2001	6/8/2001	9/24/2001	12/17/2001	3/21/2002	6/11/2002	9/23/2002	12/13/2002	3/21/2003	5/30/2003	8/22/2003
ANALYTE / Lab ID	Criterion	Units	5454.04	5693.04	5906.04	1601104	1617404	1644804	1666204	2016204	2036104	2067804	2088504	3013204	3025404	3054104
Metals																
Cadmium	4	ug/L	ND	ND	ND	ND	ND	ND	ND	1.31	ND	2.37	NA	NA	NA	NA
Calcium	NLE	ug/L	14700	13800	6710	7880	48100	47500	16800	9240	8900	28800	NA	NA	NA	NA
Chromium	100	ug/L	5.75	ND	4.12	8.6	4.84	22	3.56	4.66	4.79	9.05	NA	NA	NA	NA
Cobalt	100 *	ug/L	ND	1.05	0.744	1.4	3.84	6.24	2.7	0.75	0.895	3.78	NA	NA	NA	NA
Copper	1000	ug/L	ND	ND	ND	6	2.37	3.66	8.16	3.21	ND	6.81	NA	NA	NA	NA
Iron	300	ug/L	3090	8540	2100	3420	14000	23300	14800	4750	3890	42100	NA	NA	NA	NA
Lead	10	ug/L	ND	ND	ND	3	1.46	2.97	2.08	ND	ND	3.78	NA	NA	NA	NA
Magnesium	NLE	ug/L	3620	3750	1950	2370	13900	16600	5340	2690	2560	9530	NA	NA	NA	NA
Manganese	50	ug/L	12.4	13.9	6.29	19.3	136	148	67.8	19.6	21.1	156	NA	NA	NA	NA
Mercury	2	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Nickel	100	ug/L	4.51	ND	1.46	3	6.87	10.1	2.65	ND	1.11	2.66	NA	NA	NA	NA
Potassium	NLE	ug/L	2690	4020	2260	2070	3150	6760	2820	2540	2090	3360	NA	NA	NA	NA
Selenium	50	ug/L	ND	ND	ND	7	6.47	ND	ND	ND	3.51	4.25	NA	NA	NA	NA
Silver	30 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Sodium	50000	ug/L	36400	43600	27000	29800	82300	125000	101000	74000	62700	51200	NA	NA	NA	NA
Thallium	10	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Vanadium	NLE	ug/L	2.88	3.76	2.61	4.7	4	11.7	2.86	3.54	3.3	8.3	NA	NA	NA	NA
Zinc	5000	ug/L	18.4	49.4	ND	10	29.3	47.1	ND	10.2	17	34.5	NA	NA	NA	NA

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

Table 4-1

Groundwater Sampling Results

Site M-8

Fort Monmouth, New Jersey

Round	Criterion	Units	#15	#16	#17	#18
WELL ID			M8MW12	M8MW12	M8MW12	M8MW12
Date Collected			12/12/2003	3/9/2004	6/28/2004	8/30/2004
ANALYTE / Lab ID	Criterion	Units	3080404	4015704	4049404	4063704
VOCs						
1,2-Dichlorobenzene	600	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	600	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	75	ug/l	ND	ND	ND	ND
2-Butanone	300	ug/l	ND	ND	ND	ND
Acetone	700	ug/l	4.04	ND	ND	ND
Benzene	1	ug/l	ND	ND	ND	ND
Carbon Disulfide	800 *	ug/l	ND	ND	ND	ND
Chlorobenzene	50 *	ug/l	ND	ND	ND	ND
Chloroform	6	ug/l	ND	ND	ND	ND
cis-1,2-Dichloroethylene	70 *	ug/l	1.18	6.5	3.05	5.47
Ethylbenzene	700	ug/l	ND	ND	ND	ND
Methylene Chloride	3 *	ug/l	ND	ND	ND	ND
Methyl-tert-Butyl ether	NLE	ug/l	ND	ND	ND	ND
Tetrachloroethylene	1	ug/l	ND	ND	ND	ND
Toluene	1000	ug/l	ND	ND	ND	ND
Trichloroethylene	1	ug/l	ND	3.7	ND	ND
Trichlorofluoromethane	2000 *	ug/l	ND	ND	ND	ND
Vinyl chloride	5	ug/l	ND	ND	ND	ND

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

Table 4-2

Groundwater Sampling Results

Site M-8

Fort Monmouth, New Jersey

Round	Criterion	Units	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14
WELL ID			M8MW13	M8MW13	M8MW13	M8MW13	M8MW13	M8MW13	M8MW13	M8MW13	M8MW13	M8MW13	M8MW13	M8MW13	M8MW13	M8MW13
Date Collected			6/5/2000	9/6/2000	12/13/2000	3/21/2001	6/8/2001	9/24/2001	12/17/2001	3/21/2002	6/11/2002	9/23/2002	12/10/2002	3/21/2003	5/30/2003	8/22/2003
ANALYTE / Lab ID	Criterion	Units	5454.05	5693.06	5906.05	1601105	1617405	1644805	1666205	2016205	2036105	2067809	2087609	3013205	3025405	3054105
VOCs																
1,2-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	75	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	300	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	700	ug/L	ND	ND	ND	13.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	800 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	50 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	6	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	70 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	700	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	3 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-tert-Butyl ether	NLE	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
Tetrachloroethylene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1000	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	2000 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs																
1,2-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
1,3-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
1,4-Dichlorobenzene	75	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
2-Methylnaphthalene	100 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
2-Methylphenol	NLE *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4-Chloro-3-Methylphenol	100 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4-Methylphenol	NLE *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Acenaphthene	400	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Benzoic Acid	30000 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	30	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Dibenzofuran	100 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Diethylphthalate	5000	ug/L	ND	ND	8.44	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Di-n-butylphthalate	900	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Fluorene	300	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Naphthalene	300 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Pest/PCBs																
4,4'-DDD	.1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4,4'-DDE	.1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4,4'-DDT	.1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
alpha-Chlordane	.5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Arochlor 1242	.5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Dieldrin	.03	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
gamma-Chlordane	.5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Heptachlor	.4	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Methoxychlor	40	ug/L	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																
Aluminum	200	ug/L	141	642	1490	870	1180	660	1270	506	883	179	NA	NA	NA	NA
Antimony	20	ug/L	ND	ND	ND	ND	ND	ND	ND	4.18	ND	ND	NA	NA	NA	NA
Arsenic	8	ug/L	3.01	2.59	7.46	ND	6.69	ND	6.01	4.37	ND	ND	NA	NA	NA	NA
Barium	2000	ug/L	67	96.9	73.5	5.6	248	493	363	52.6	82.1	252	NA	NA	NA	NA
Beryllium	20	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA

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

Table 4-2

Groundwater Sampling Results

Site M-8

Fort Monmouth, New Jersey

Round	Criterion	Units	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14
WELL ID			M8MW13	M8MW13	M8MW13	M8MW13	M8MW13	M8MW13	M8MW13	M8MW13	M8MW13	M8MW13	M8MW13	M8MW13	M8MW13	M8MW13
Date Collected			6/5/2000	9/6/2000	12/13/2000	3/21/2001	6/8/2001	9/24/2001	12/17/2001	3/21/2002	6/11/2002	9/23/2002	12/10/2002	3/21/2003	5/30/2003	8/22/2003
ANALYTE / Lab ID	Criterion	Units	5454.05	5693.06	5906.05	1601105	1617405	1644805	1666205	2016205	2036105	2067809	2087609	3013205	3025405	3054105
Metals																
Cadmium	4	ug/L	ND	ND	1.75	ND	ND	ND	4.21	ND	ND	ND	NA	NA	NA	NA
Calcium	NLE	ug/L	200000	323000	211000	7880	326000	410000	336000	169000	192000	339000	NA	NA	NA	NA
Chromium	100	ug/L	22.4	ND	18.4	8.9	7.62	9.64	10	3.47	6.88	5.43	NA	NA	NA	NA
Cobalt	100 *	ug/L	ND	ND	ND	1.4	ND	1.64	1.19	ND	0.583	0.698	NA	NA	NA	NA
Copper	1000	ug/L	ND	69.9	ND	6	44.8	25.3	50.1	19.2	29.1	30.9	NA	NA	NA	NA
Iron	300	ug/L	13900	12300	15600	3440	42800	64900	68700	3430	5770	38200	NA	NA	NA	NA
Lead	10	ug/L	ND	27	10.6	1	31.2	6.13	29.3	4.62	8.08	5.99	NA	NA	NA	NA
Magnesium	NLE	ug/L	75500	65800	61800	2360	70500	307000	474000	35100	61100	251000	NA	NA	NA	NA
Manganese	50	ug/L	207	65	70.9	19.2	561	636	409	25.1	97.4	421	NA	NA	NA	NA
Mercury	2	ug/L	ND	0.13	0.22	ND	0.34	ND	0.2	0.18	0.16	ND	NA	NA	NA	NA
Nickel	100	ug/L	7.76	4.02	7.52	3	4.4	2.32	ND	5.97	5.59	9.55	NA	NA	NA	NA
Potassium	NLE	ug/L	23700	25400	20000	2070	21700	103000	198000	14400	20100	101000	NA	NA	NA	NA
Selenium	50	ug/L	12	ND	ND	ND	38.9	ND	36.5	ND	4.8	10.3	NA	NA	NA	NA
Silver	30 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Sodium	50000	ug/L	364000	489000	379000	29500	364000	2570000	3780000	240000	504000	2010000	NA	NA	NA	NA
Thallium	10	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Vanadium	NLE	ug/L	ND	ND	5.44	4.7	5.87	3.53	5.25	2.59	3.39	1.82	NA	NA	NA	NA
Zinc	5000	ug/L	235	505	688	10	921	789	1240	583	488	507	NA	NA	NA	NA

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

Table 4-2
Groundwater Sampling Results
Site M-8
Fort Monmouth, New Jersey

Round	Criterion	Units	#15	#16	#17	#18
WELL ID			M8MW13	M8MW13	M8MW13	M8MW13
Date Collected			12/12/2003	3/5/2004	6/28/2004	8/30/2004
ANALYTE / Lab ID	Criterion	Units	3080405	4015509	4049405	4063705
VOCs						
1,2-Dichlorobenzene	600	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	600	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	75	ug/l	ND	ND	ND	ND
2-Butanone	300	ug/l	ND	ND	ND	ND
Acetone	700	ug/l	ND	0.95	ND	ND
Benzene	1	ug/l	ND	ND	ND	ND
Carbon Disulfide	800 *	ug/l	ND	ND	ND	ND
Chlorobenzene	50 *	ug/l	ND	ND	ND	ND
Chloroform	6	ug/l	ND	ND	ND	ND
cis-1,2-Dichloroethylene	70 *	ug/l	ND	ND	ND	ND
Ethylbenzene	700	ug/l	ND	ND	ND	ND
Methylene Chloride	3 *	ug/l	ND	ND	ND	ND
Methyl-tert-Butyl ether	NLE	ug/l	ND	ND	ND	ND
Tetrachloroethylene	1	ug/l	ND	ND	ND	ND
Toluene	1000	ug/l	ND	ND	ND	ND
Trichloroethylene	1	ug/l	ND	ND	ND	ND
Trichlorofluoromethane	2000 *	ug/l	ND	ND	ND	ND
Vinyl chloride	5	ug/l	ND	ND	ND	ND

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

Table 4-3

Groundwater Sampling Results

Site M-8

Fort Monmouth, New Jersey

Round	Criterion	Units	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14
WELL ID			M8MW14	M8MW14	M8MW14	M8MW14	M8MW14	M8MW14	M8MW14	M8MW14	M8MW14	M8MW14	M8MW14	M8MW14	M8MW14	M8MW14
Date Collected			6/5/2000	9/6/2000	12/13/2000	3/21/2001	6/8/2001	9/24/2001	12/17/2001	3/21/2002	6/11/2002	9/23/2002	12/10/2002	3/21/2003	5/30/2003	8/22/2003
ANALYTE / Lab ID	Criterion	Units	5454.06	5693.05	5906.06	1601106	1617406	1644806	1666206	2016206	2036106	2067812	2087610	3013206	3025406	3054106
VOCs																
1,2-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	75	ug/L	ND	1.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	300	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	700	ug/L	ND	ND	ND	19.44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	800 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	50 *	ug/L	ND	3.03	1.75	1.34	ND	ND	1.03	ND	ND	ND	ND	ND	ND	0.7
Chloroform	6	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	70 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	700	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	3 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-tert-Butyl ether	NLE	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
Tetrachloroethylene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1000	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	2000 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs																
1,2-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
1,3-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
1,4-Dichlorobenzene	75	ug/L	ND	1.13	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
2-Methylnaphthalene	100 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
2-Methylphenol	NLE *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4-Chloro-3-Methylphenol	100 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4-Methylphenol	NLE *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Acenaphthene	400	ug/L	ND	1.03	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Benzoic Acid	30000 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	30	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Dibenzofuran	100 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Diethylphthalate	5000	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Di-n-butylphthalate	900	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Fluorene	300	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Naphthalene	300 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Pest/PCBs																
4,4'-DDD	.1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4,4'-DDE	.1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4,4'-DDT	.1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
alpha-Chlordane	.5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Arochlor 1242	.5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Dieldrin	.03	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
gamma-Chlordane	.5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Heptachlor	.4	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Methoxychlor	40	ug/L	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																
Aluminum	200	ug/L	447	369	1350	4460	217	103	ND	454	207	118	NA	NA	NA	NA
Antimony	20	ug/L	3.24	ND	ND	ND	4.97	ND	ND	8.34	ND	ND	NA	NA	NA	NA
Arsenic	8	ug/L	ND	ND	ND	10	ND	ND	ND	2.78	ND	2.51	NA	NA	NA	NA
Barium	2000	ug/L	41.6	203	198	200	45.7	81.4	163	25.5	28.9	58.8	NA	NA	NA	NA
Beryllium	20	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA

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

Table 4-3

Groundwater Sampling Results

Site M-8

Fort Monmouth, New Jersey

Round	Criterion	Units	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14
WELL ID			M8MW14	M8MW14	M8MW14	M8MW14	M8MW14	M8MW14	M8MW14	M8MW14	M8MW14	M8MW14	M8MW14	M8MW14	M8MW14	M8MW14
Date Collected			6/5/2000	9/6/2000	12/13/2000	3/21/2001	6/8/2001	9/24/2001	12/17/2001	3/21/2002	6/11/2002	9/23/2002	12/10/2002	3/21/2003	5/30/2003	8/22/2003
ANALYTE / Lab ID	Criterion	Units	5454.06	5693.05	5906.06	1601106	1617406	1644806	1666206	2016206	2036106	2067812	2087610	3013206	3025406	3054106
Metals																
Cadmium	4	ug/L	0.586	ND	ND	3.3	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Calcium	NLE	ug/L	57300	118000	13300	110000	74300	134000	211000	83200	87600	123000	NA	NA	NA	NA
Chromium	100	ug/L	8.33	ND	15.1	38.1	2.14	1.92	ND	2.74	2.44	1.68	NA	NA	NA	NA
Cobalt	100 *	ug/L	ND	1.56	0.947	3.5	0.538	1.98	1.36	ND	1.12	5.64	NA	NA	NA	NA
Copper	1000	ug/L	ND	ND	ND	33	11.1	11.3	9.78	7.83	7.4	9.14	NA	NA	NA	NA
Iron	300	ug/L	11600	17200	29600	34400	1790	10900	19700	981	2870	16200	NA	NA	NA	NA
Lead	10	ug/L	4.59	17.2	10.2	15	2.71	ND	3.52	1.55	ND	3.14	NA	NA	NA	NA
Magnesium	NLE	ug/L	5650	27400	28900	25200	5490	12500	26900	5950	5860	9760	NA	NA	NA	NA
Manganese	50	ug/L	58.9	284	262	206	84.4	237	408	15.6	125	812	NA	NA	NA	NA
Mercury	2	ug/L	ND	ND	ND	ND	0.1	ND	ND	0.11	ND	ND	NA	NA	NA	NA
Nickel	100	ug/L	10.8	ND	4.81	14	10.8	15.1	3.19	7.46	9.73	10.9	NA	NA	NA	NA
Potassium	NLE	ug/L	6520	25800	22300	20100	5300	9630	24500	6500	6240	12200	NA	NA	NA	NA
Selenium	50	ug/L	4.31	ND	3.89	ND	15.5	ND	ND	ND	ND	ND	NA	NA	NA	NA
Silver	30 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6	NA	NA	NA	NA
Sodium	50000	ug/L	15000	132000	152000	109000	6050	32400	93700	4880	4840	14600	NA	NA	NA	NA
Thallium	10	ug/L	ND	ND	ND	3	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Vanadium	NLE	ug/L	3.68	ND	6.72	20.3	1.74	2	1.29	2.05	1.79	2.75	NA	NA	NA	NA
Zinc	5000	ug/L	350	186	174	588	519	722	61	427	331	271	NA	NA	NA	NA

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

Table 4-3
Groundwater Sampling Results
Site M-8
Fort Monmouth, New Jersey

Round	Criterion	Units	#15	#16	#17	#18
WELL ID			M8MW14	M8MW14	M8MW14	M8MW14
Date Collected			12/12/2003	3/5/2004	6/28/2004	8/30/2004
ANALYTE / Lab ID	Criterion	Units	3080406	4015510	4049406	4063706
VOCs						
1,2-Dichlorobenzene	600	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	600	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	75	ug/l	ND	ND	0.98	0.65
2-Butanone	300	ug/l	ND	ND	ND	ND
Acetone	700	ug/l	ND	ND	ND	ND
Benzene	1	ug/l	ND	ND	ND	ND
Carbon Disulfide	800 *	ug/l	ND	ND	ND	ND
Chlorobenzene	50 *	ug/l	ND	ND	3.67	2.67
Chloroform	6	ug/l	ND	ND	ND	ND
cis-1,2-Dichloroethylene	70 *	ug/l	ND	ND	ND	ND
Ethylbenzene	700	ug/l	ND	ND	ND	ND
Methylene Chloride	3 *	ug/l	ND	ND	ND	ND
Methyl-tert-Butyl ether	NLE	ug/l	ND	ND	ND	ND
Tetrachloroethylene	1	ug/l	ND	ND	ND	ND
Toluene	1000	ug/l	ND	ND	ND	ND
Trichloroethylene	1	ug/l	ND	ND	ND	ND
Trichlorofluoromethane	2000 *	ug/l	ND	ND	ND	ND
Vinyl chloride	5	ug/l	ND	ND	ND	ND

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

Table 4-4

Groundwater Sampling Results

Site M-8

Fort Monmouth, New Jersey

Round	Criterion	Units	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14
WELL ID			M8MW15	M8MW15	M8MW15	M8MW15	M8MW15	M8MW15	M8MW15	M8MW15	M8MW15	M8MW15	M8MW15	M8MW15	M8MW15	M8MW15
Date Collected			6/5/2000	9/6/2000	12/13/2000	3/21/2001	6/8/2001	9/24/2001	12/17/2001	3/21/2002	6/11/2002	9/25/2002	12/13/2002	3/21/2003	5/30/2003	8/22/2003
ANALYTE / Lab ID	Criterion	Units	5454.07	5693.07	5906.07	1601107	1617407	1644807	1666207	2016207	2036107	2068204	2088505	3013207	3025407	3054107
VOCs																
1,2-Dichlorobenzene	600	ug/L	ND	ND	2.13	ND	ND	2.08	ND	ND	ND	1.73	ND	ND	ND	ND
1,3-Dichlorobenzene	600	ug/L	ND	ND	2.88	ND	ND	3.4	ND	ND	ND	1.86	ND	ND	ND	ND
1,4-Dichlorobenzene	75	ug/L	ND	ND	6.22	1.75	ND	6.84	1.14	ND	ND	4.14	ND	ND	ND	ND
2-Butanone	300	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	700	ug/L	ND	ND	ND	19.99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1	ug/L	ND	ND	2.41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	800 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	50 *	ug/L	ND	6.63	35.03	12.4	4.14	39.79	5.93	ND	2.15	25.81	ND	ND	ND	5.1
Chloroform	6	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	70 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	700	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	3 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-tert-Butyl ether	NLE	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
Tetrachloroethylene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1000	ug/L	ND	ND	ND	ND	ND	1.25	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	2000 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs																
1,2-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
1,3-Dichlorobenzene	600	ug/L	ND	ND	1.72	ND	ND	1.18	ND	ND	ND	ND	NA	NA	NA	NA
1,4-Dichlorobenzene	75	ug/L	ND	1.58	3.56	1.63	ND	2.63	1	ND	ND	1.37	NA	NA	NA	NA
2-Methylnaphthalene	100 *	ug/L	ND	ND	3.38	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
2-Methylphenol	NLE *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4-Chloro-3-Methylphenol	100 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4-Methylphenol	NLE *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Acenaphthene	400	ug/L	ND	8.22	13.21	4.58	1.62	10.49	4.18	ND	ND	5.08	NA	NA	NA	NA
Benzoic Acid	30000 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	30	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Dibenzofuran	100 *	ug/L	ND	2.7	3.91	1.04	ND	3.65	ND	ND	ND	1.67	NA	NA	NA	NA
Diethylphthalate	5000	ug/L	ND	ND	1.58	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Di-n-butylphthalate	900	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Fluorene	300	ug/L	ND	4.61	6.35	1.44	ND	4.89	1.42	ND	ND	2.44	NA	NA	NA	NA
Naphthalene	300 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Pest/PCBs																
4,4'-DDD	.1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4,4'-DDE	.1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4,4'-DDT	.1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
alpha-Chlordane	.5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Arochlor 1242	.5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Dieldrin	.03	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
gamma-Chlordane	.5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Heptachlor	.4	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Methoxychlor	40	ug/L	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																
Aluminum	200	ug/L	932	528	571	350	321	ND	ND	5500	4910	89.5	NA	NA	NA	NA
Antimony	20	ug/L	2.56	ND	5.68	ND	6.17	ND	ND	4.6	ND	ND	NA	NA	NA	NA
Arsenic	8	ug/L	ND	2.37	ND	13	ND	ND	2.76	11.5	5.91	10.4	NA	NA	NA	NA
Barium	2000	ug/L	53.6	121	210	107	81.7	231	295	48.8	87.7	113	NA	NA	NA	NA
Beryllium	20	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA

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

Table 4-4

Groundwater Sampling Results

Site M-8

Fort Monmouth, New Jersey

Round	Criterion	Units	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14
WELL ID			M8MW15	M8MW15	M8MW15	M8MW15	M8MW15	M8MW15	M8MW15	M8MW15	M8MW15	M8MW15	M8MW15	M8MW15	M8MW15	M8MW15
Date Collected			6/5/2000	9/6/2000	12/13/2000	3/21/2001	6/8/2001	9/24/2001	12/17/2001	3/21/2002	6/11/2002	9/25/2002	12/13/2002	3/21/2003	5/30/2003	8/22/2003
ANALYTE / Lab ID	Criterion	Units	5454.07	5693.07	5906.07	1601107	1617407	1644807	1666207	2016207	2036107	2068204	2088505	3013207	3025407	3054107
Metals																
Cadmium	4	ug/L	ND	ND	ND	2.4	ND	ND	1.13	1.75	1.86	ND	NA	NA	NA	NA
Calcium	NLE	ug/L	88100	219000	267000	285000	121000	204000	574000	22600	51800	139000	NA	NA	NA	NA
Chromium	100	ug/L	13.7	ND	9	10.3	3.72	3.38	2.27	40.6	41.8	2.63	NA	NA	NA	NA
Cobalt	100 *	ug/L	1.06	1.48	1.09	3.3	ND	2.98	1.62	1.76	2.2	0.692	NA	NA	NA	NA
Copper	1000	ug/L	ND	ND	68	12	13.4	8.67	12.1	41.8	37.7	17.7	NA	NA	NA	NA
Iron	300	ug/L	4360	6610	21600	14300	2430	12900	12900	15100	20500	8130	NA	NA	NA	NA
Lead	10	ug/L	4.11	ND	ND	ND	4.36	ND	5.93	16	14.3	1.71	NA	NA	NA	NA
Magnesium	NLE	ug/L	17000	44000	66200	54900	25100	58900	148000	5210	11500	32900	NA	NA	NA	NA
Manganese	50	ug/L	136	211	345	313	71.2	264	250	46.3	81.9	157	NA	NA	NA	NA
Mercury	2	ug/L	ND	ND	ND	ND	0.1	ND	ND	0.3	0.17	0.4	NA	NA	NA	NA
Nickel	100	ug/L	14.9	ND	ND	8	9.19	6.26	18.1	19.9	23.3	11.5	NA	NA	NA	NA
Potassium	NLE	ug/L	7500	22300	35000	21200	8010	38600	43700	5870	7790	21100	NA	NA	NA	NA
Selenium	50	ug/L	8.02	ND	ND	ND	22.1	ND	ND	6.56	4.89	6.67	NA	NA	NA	NA
Silver	30 *	ug/L	ND	ND	ND	2	ND	ND	ND	1.72	ND	ND	NA	NA	NA	NA
Sodium	50000	ug/L	67100	144000	228000	156000	104000	240000	833000	96500	113000	167000	NA	NA	NA	NA
Thallium	10	ug/L	ND	ND	ND	ND	ND	ND	ND	3.47	ND	ND	NA	NA	NA	NA
Vanadium	NLE	ug/L	4.78	ND	2.94	3.5	3.07	2.05	2.58	24.9	24.9	1.78	NA	NA	NA	NA
Zinc	5000	ug/L	69.4	54.6	54.8	120	62.7	29.2	174	106	144	81.6	NA	NA	NA	NA

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

Table 4-4
Groundwater Sampling Results
Site M-8
Fort Monmouth, New Jersey

Round	Criterion	Units	#15	#16	#17	#18
WELL ID			M8MW15	M8MW15	M8MW15	M8MW15
Date Collected			12/30/2003	3/9/2004	6/28/2004	8/30/2004
ANALYTE / Lab ID	Criterion	Units	3083104	4015705	4049407	4063707
VOCs						
1,2-Dichlorobenzene	600	ug/l	ND	ND	0.71	ND
1,3-Dichlorobenzene	600	ug/l	ND	ND	1.1	ND
1,4-Dichlorobenzene	75	ug/l	ND	ND	2.13	0.42
2-Butanone	300	ug/l	ND	ND	ND	ND
Acetone	700	ug/l	ND	ND	ND	ND
Benzene	1	ug/l	ND	ND	ND	ND
Carbon Disulfide	800 *	ug/l	ND	ND	ND	ND
Chlorobenzene	50 *	ug/l	ND	ND	12.63	2.39
Chloroform	6	ug/l	ND	ND	ND	ND
cis-1,2-Dichloroethylene	70 *	ug/l	ND	ND	ND	ND
Ethylbenzene	700	ug/l	ND	ND	ND	ND
Methylene Chloride	3 *	ug/l	ND	ND	ND	ND
Methyl-tert-Butyl ether	NLE	ug/l	ND	ND	ND	ND
Tetrachloroethylene	1	ug/l	ND	ND	ND	ND
Toluene	1000	ug/l	ND	ND	ND	ND
Trichloroethylene	1	ug/l	ND	ND	ND	ND
Trichlorofluoromethane	2000 *	ug/l	ND	ND	ND	ND
Vinyl chloride	5	ug/l	ND	ND	ND	ND

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

Table 4-5

Groundwater Sampling Results

Site M-8

Fort Monmouth, New Jersey

Round	Criterion	Units	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14
WELL ID			M8MW16	M8MW16	M8MW16	M8MW16	M8MW16	M8MW16	M8MW16	M8MW16	M8MW16	M8MW16	M8MW16	M8MW16	M8MW16	M8MW16
Date Collected			6/5/2000	9/6/2000	12/13/2000	3/21/2001	6/8/2001	9/24/2001	12/17/2001	3/21/2002	6/11/2002	9/25/2002	12/13/2002	3/21/2003	5/30/2003	8/22/2003
ANALYTE / Lab ID	Criterion	Units	5454.08	5693.08	5906.08	1601108	1617408	1644808	1666208	2016208	2036108	2068205	2088506	3013208	3025408	3054108
VOCs																
1,2-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	75	ug/L	ND	1.46	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.93
2-Butanone	300	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	700	ug/L	ND	ND	ND	11.53	ND	ND	ND	ND	5.94	ND	ND	ND	ND	ND
Benzene	1	ug/L	ND	1.13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.74
Carbon Disulfide	800 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	50 *	ug/L	ND	14.92	ND	ND	1.02	2.55	ND	ND	ND	8.72	2.02	6.49	ND	24.09
Chloroform	6	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	70 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	700	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	3 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-tert-Butyl ether	NLE	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
Tetrachloroethylene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1000	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	2000 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs																
1,2-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
1,3-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
1,4-Dichlorobenzene	75	ug/L	ND	1.32	ND	ND	ND	ND	ND	ND	ND	2.21	NA	NA	NA	NA
2-Methylnaphthalene	100 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
2-Methylphenol	NLE *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4-Chloro-3-Methylphenol	100 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4-Methylphenol	NLE *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Acenaphthene	400	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.18	NA	NA	NA	NA
Benzoic Acid	30000 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	30	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Dibenzofuran	100 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Diethylphthalate	5000	ug/L	ND	ND	2.5	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Di-n-butylphthalate	900	ug/L	ND	ND	2.54	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Fluorene	300	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Naphthalene	300 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Pest/PCBs																
4,4'-DDD	.1	ug/L	ND	ND	0.012	ND	0.014	ND	ND	ND	0.007	ND	NA	NA	NA	NA
4,4'-DDE	.1	ug/L	ND	ND	0.014	ND	0.009	ND	ND	ND	ND	ND	NA	NA	NA	NA
4,4'-DDT	.1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
alpha-Chlordane	.5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Arochlor 1242	.5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Dieldrin	.03	ug/L	0.023	ND	0.02	0.018	0.027	ND	ND	ND	0.016	ND	NA	NA	NA	NA
gamma-Chlordane	.5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Heptachlor	.4	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Methoxychlor	40	ug/L	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																
Aluminum	200	ug/L	4400	10500	3330	7670	1490	5440	7700	2340	11400	8260	NA	NA	NA	NA
Antimony	20	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Arsenic	8	ug/L	5.34	11.1	7.43	14	4	3.88	11.1	5.01	6.76	12.9	NA	NA	NA	NA
Barium	2000	ug/L	65.6	116	67	55	63.3	111	174	77.6	57.3	76.5	NA	NA	NA	NA
Beryllium	20	ug/L	0.825	1.87	0.921	2	0.685	1.29	2.17	1.13	2.66	1.32	NA	NA	NA	NA

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

Table 4-5

Groundwater Sampling Results

Site M-8

Fort Monmouth, New Jersey

Round	Criterion	Units	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14
WELL ID			M8MW16	M8MW16	M8MW16	M8MW16	M8MW16	M8MW16	M8MW16	M8MW16	M8MW16	M8MW16	M8MW16	M8MW16	M8MW16	M8MW16
Date Collected			6/5/2000	9/6/2000	12/13/2000	3/21/2001	6/8/2001	9/24/2001	12/17/2001	3/21/2002	6/11/2002	9/25/2002	12/13/2002	3/21/2003	5/30/2003	8/22/2003
ANALYTE / Lab ID	Criterion	Units	5454.08	5693.08	5906.08	1601108	1617408	1644808	1666208	2016208	2036108	2068205	2088506	3013208	3025408	3054108
Metals																
Cadmium	4	ug/L	19.5	30.8	21.6	25.6	10.2	11.8	13	17.3	13.2	12.8	NA	NA	NA	NA
Calcium	NLE	ug/L	272000	255000	253000	150000	222000	284000	323000	215000	184000	222000	NA	NA	NA	NA
Chromium	100	ug/L	26.7	43.5	24.9	42.8	5.5	30.7	40.3	5.68	20.6	20.3	NA	NA	NA	NA
Cobalt	100 *	ug/L	3.67	12.1	2.75	4.2	1.2	7.59	5.73	9.62	5.53	31.6	NA	NA	NA	NA
Copper	1000	ug/L	31.4	ND	36.3	117	46.9	115	126	44.6	130	98.4	NA	NA	NA	NA
Iron	300	ug/L	28500	58800	21800	44700	40800	56800	78700	24200	33400	34000	NA	NA	NA	NA
Lead	10	ug/L	11.7	39.5	18.3	15	12.2	22.6	218	5.11	30.5	15	NA	NA	NA	NA
Magnesium	NLE	ug/L	36500	83200	39500	18300	45600	112000	15600	60300	35400	75100	NA	NA	NA	NA
Manganese	50	ug/L	573	1770	308	144	926	1140	932	802	477	1920	NA	NA	NA	NA
Mercury	2	ug/L	0.95	2.37	1.43	1.36	0.74	1.43	2.6	0.54	2.47	1.8	NA	NA	NA	NA
Nickel	100	ug/L	43.6	52	35.8	42	13.7	29.2	18.9	30.4	47.8	39.6	NA	NA	NA	NA
Potassium	NLE	ug/L	21100	41700	23100	14900	19800	39700	54600	23100	19700	33300	NA	NA	NA	NA
Selenium	50	ug/L	6.01	ND	ND	ND	22.3	ND	ND	ND	ND	9.42	NA	NA	NA	NA
Silver	30 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.64	NA	NA	NA	NA
Sodium	50000	ug/L	146000	437000	92000	24100	107000	606000	864000	234000	113000	300000	NA	NA	NA	NA
Thallium	10	ug/L	ND	ND	ND	7	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Vanadium	NLE	ug/L	9.24	30.1	11.7	19.3	3.67	18.2	27.2	3.61	12.7	12	NA	NA	NA	NA
Zinc	5000	ug/L	662	866	625	845	371	570	412	731	661	404	NA	NA	NA	NA

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

Table 4-5
Groundwater Sampling Results
Site M-8
Fort Monmouth, New Jersey

Round	Criterion	Units	#15	#16	#17	#18
WELL ID			M8MW16	M8MW16	M8MW16	M8MW16
Date Collected			12/30/2003	3/9/2004	6/28/2004	8/30/2004
ANALYTE / Lab ID	Criterion	Units	3083105	4015706	4049408	4063708
VOCs						
1,2-Dichlorobenzene	600	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	600	ug/l	ND	ND	0.55	ND
1,4-Dichlorobenzene	75	ug/l	0.61	0.83	1.79	1.15
2-Butanone	300	ug/l	ND	ND	ND	ND
Acetone	700	ug/l	ND	ND	ND	ND
Benzene	1	ug/l	ND	0.6	0.45	ND
Carbon Disulfide	800 *	ug/l	ND	ND	ND	ND
Chlorobenzene	50 *	ug/l	3.34	10.68	12.8	5.06
Chloroform	6	ug/l	ND	ND	ND	ND
cis-1,2-Dichloroethylene	70 *	ug/l	ND	ND	ND	ND
Ethylbenzene	700	ug/l	ND	ND	ND	ND
Methylene Chloride	3 *	ug/l	ND	ND	ND	ND
Methyl-tert-Butyl ether	NLE	ug/l	ND	ND	ND	0.88
Tetrachloroethylene	1	ug/l	ND	ND	ND	ND
Toluene	1000	ug/l	ND	ND	ND	ND
Trichloroethylene	1	ug/l	ND	ND	ND	ND
Trichlorofluoromethane	2000 *	ug/l	ND	ND	ND	ND
Vinyl chloride	5	ug/l	ND	ND	ND	ND

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

Table 4-6

Groundwater Sampling Results

Site M-8

Fort Monmouth, New Jersey

Round	Criterion	Units	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14
WELL ID			M8MW17	M8MW17	M8MW17	M8MW17	M8MW17	M8MW17	M8MW17	M8MW17	M8MW17	M8MW17	M8MW17	M8MW17	M8MW17	M8MW17
Date Collected			6/5/2000	9/6/2000	12/13/2000	3/21/2001	6/8/2001	9/24/2001	12/17/2001	3/21/2002	6/11/2002	9/25/2002	12/13/2002	3/21/2003	5/30/2003	8/22/2003
ANALYTE / Lab ID	Criterion	Units	5454.09	5693.09	5906.09	1601109	1617409	1644809	1666209	2016209	2036109	2068206	2088507	3013209	3025409	3054109
VOCs																
1,2-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	75	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	1.21	ND	ND	ND	ND	ND
2-Butanone	300	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	700	ug/L	ND	ND	ND	14.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	800 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	50 *	ug/L	3.96	2.97	2.06	2.53	1.94	4.16	4.15	4.09	6.08	5.52	ND	ND	ND	3.57
Chloroform	6	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	70 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	700	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	3 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-tert-Butyl ether	NLE	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
Tetrachloroethylene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1000	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	2000 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs																
1,2-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
1,3-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
1,4-Dichlorobenzene	75	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
2-Methylnaphthalene	100 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
2-Methylphenol	NLE *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4-Chloro-3-Methylphenol	100 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4-Methylphenol	NLE *	ug/L	8.01	1.36	ND	ND	ND	ND	ND	ND	32.98	14.95	NA	NA	NA	NA
Acenaphthene	400	ug/L	12.74	10.72	18.92	5.67	12.37	9.02	8.22	4.7	9.82	6.89	NA	NA	NA	NA
Benzoic Acid	30000 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	12.76	8.46	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	30	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Dibenzofuran	100 *	ug/L	1.66	ND	3.03	ND	1.65	ND	ND	ND	1.28	ND	NA	NA	NA	NA
Diethylphthalate	5000	ug/L	ND	ND	5.24	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Di-n-butylphthalate	900	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Fluorene	300	ug/L	ND	ND	1.12	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Naphthalene	300 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Pest/PCBs																
4,4'-DDD	.1	ug/L	ND	ND	0.01	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4,4'-DDE	.1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4,4'-DDT	.1	ug/L	ND	ND	ND	ND	ND	ND	ND	0.006	ND	ND	NA	NA	NA	NA
alpha-Chlordane	.5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Arochlor 1242	.5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Dieldrin	.03	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
gamma-Chlordane	.5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Heptachlor	.4	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Methoxychlor	40	ug/L	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																
Aluminum	200	ug/L	977	3230	3660	ND	163	616	862	1890	279	491	NA	NA	NA	NA
Antimony	20	ug/L	ND	ND	2.84	ND	2.84	ND	ND	6.85	ND	4.35	NA	NA	NA	NA
Arsenic	8	ug/L	13.4	22.7	25	14	10.1	5.11	8.99	9.63	6.35	9.58	NA	NA	NA	NA
Barium	2000	ug/L	200	200	240	177	131	449	536	151	179	244	NA	NA	NA	NA
Beryllium	20	ug/L	ND	ND	0.603	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA

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

Table 4-6

Groundwater Sampling Results

Site M-8

Fort Monmouth, New Jersey

Round	Criterion	Units	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14
WELL ID			M8MW17	M8MW17	M8MW17	M8MW17	M8MW17	M8MW17	M8MW17	M8MW17	M8MW17	M8MW17	M8MW17	M8MW17	M8MW17	M8MW17
Date Collected			6/5/2000	9/6/2000	12/13/2000	3/21/2001	6/8/2001	9/24/2001	12/17/2001	3/21/2002	6/11/2002	9/25/2002	12/13/2002	3/21/2003	5/30/2003	8/22/2003
ANALYTE / Lab ID	Criterion	Units	5454.09	5693.09	5906.09	1601109	1617409	1644809	1666209	2016209	2036109	2068206	2088507	3013209	3025409	3054109
Metals																
Cadmium	4	ug/L	ND	ND	ND	0.7	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Calcium	NLE	ug/L	368000	333000	311000	355000	287000	595000	623000	225000	292000	381000	NA	NA	NA	NA
Chromium	100	ug/L	22.9	17.5	41	8.3	3.19	11.6	14	15.8	4.37	4.64	NA	NA	NA	NA
Cobalt	100 *	ug/L	3.47	16.8	25.2	3.7	4.47	6.95	12.8	7.98	4.35	3	NA	NA	NA	NA
Copper	1000	ug/L	112	ND	155	5	7.98	17	22.6	18	10.2	8.4	NA	NA	NA	NA
Iron	300	ug/L	15500	44600	48300	14500	12700	12600	16100	14500	15100	19100	NA	NA	NA	NA
Lead	10	ug/L	19.7	16.8	67.2	ND	7.6	6.6	13.3	9.67	3.88	4.64	NA	NA	NA	NA
Magnesium	NLE	ug/L	43100	39800	38500	38600	27000	138000	305000	47800	41900	60600	NA	NA	NA	NA
Manganese	50	ug/L	673	787	540	608	557	530	498	464	597	705	NA	NA	NA	NA
Mercury	2	ug/L	0.14	0.26	0.28	ND	ND	ND	0.1	0.23	ND	ND	NA	NA	NA	NA
Nickel	100	ug/L	9.34	2.05	20.3	ND	2.07	4.02	7.91	3.25	2.06	ND	NA	NA	NA	NA
Potassium	NLE	ug/L	20000	20300	18500	16100	10600	44100	106000	21200	20300	29100	NA	NA	NA	NA
Selenium	50	ug/L	21.6	3.42	9.91	ND	50.2	ND	ND	ND	ND	ND	NA	NA	NA	NA
Silver	30 *	ug/L	ND	ND	ND	ND	ND	ND	1.65	1.65	ND	ND	NA	NA	NA	NA
Sodium	50000	ug/L	78600	82100	82400	56400	44800	914000	2320000	236000	129000	179000	NA	NA	NA	NA
Thallium	10	ug/L	6.91	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Vanadium	NLE	ug/L	8.29	15.2	27.2	1.9	4.49	8.58	9.54	12.1	4.45	5.19	NA	NA	NA	NA
Zinc	5000	ug/L	137	143	414	ND	33.9	58.3	67	63.7	60.1	23	NA	NA	NA	NA

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

Table 4-6
Groundwater Sampling Results
Site M-8
Fort Monmouth, New Jersey

Round	Criterion	Units	#15	#16	#17	#18
WELL ID			M8MW17	M8MW17	M8MW17	M8MW17
Date Collected			12/30/2003	3/9/2004	6/28/2004	8/30/2004
ANALYTE / Lab ID	Criterion	Units	3083106	4015707	4049409	4063709
VOCs						
1,2-Dichlorobenzene	600	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	600	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	75	ug/l	ND	ND	0.86	1.07
2-Butanone	300	ug/l	ND	ND	ND	ND
Acetone	700	ug/l	1.98	ND	ND	ND
Benzene	1	ug/l	ND	ND	ND	ND
Carbon Disulfide	800 *	ug/l	ND	ND	ND	ND
Chlorobenzene	50 *	ug/l	0.68	ND	3.19	4.41
Chloroform	6	ug/l	ND	ND	ND	ND
cis-1,2-Dichloroethylene	70 *	ug/l	ND	ND	ND	ND
Ethylbenzene	700	ug/l	ND	ND	ND	ND
Methylene Chloride	3 *	ug/l	ND	ND	ND	ND
Methyl-tert-Butyl ether	NLE	ug/l	ND	ND	ND	ND
Tetrachloroethylene	1	ug/l	ND	ND	ND	ND
Toluene	1000	ug/l	ND	ND	ND	ND
Trichloroethylene	1	ug/l	ND	ND	ND	ND
Trichlorofluoromethane	2000 *	ug/l	ND	ND	ND	ND
Vinyl chloride	5	ug/l	ND	ND	ND	ND

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

Table 4-7

Groundwater Sampling Results

Site M-8

Fort Monmouth, New Jersey

Round	Criterion	Units	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14
WELL ID			M8MW18	M8MW18	M8MW18	M8MW18	M8MW18	M8MW18	M8MW18	M8MW18	M8MW18	M8MW18	M8MW18	M8MW18	M8MW18	M8MW18
Date Collected			6/5/2000	9/6/2000	12/13/2000	3/21/2001	6/8/2001	9/24/2001	12/17/2001	3/21/2002	6/11/2002	9/23/2002	12/10/2002	3/21/2003	5/30/2003	8/22/2003
ANALYTE / Lab ID	Criterion	Units	5454.10	5693.10	5906.10	1601110	1617410	1644810	1666210	2016210	2036110	2067813	2087608	3013210	3025410	3054110
VOCs																
1,2-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	75	ug/L	1.69	3.82	4.68	3.13	4.15	4.82	2.3	2.9	3.34	2.22	2.08	1.07	2.09	3.49
2-Butanone	300	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	700	ug/L	ND	ND	ND	17.62	ND	ND	ND	15.71	ND	ND	ND	ND	ND	ND
Benzene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	800 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	50 *	ug/L	8	18.69	18.69	14.32	16.11	16.33	9.56	12.61	12.33	9.86	4.51	5.44	6.07	17.41
Chloroform	6	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	70 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	700	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	3 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-tert-Butyl ether	NLE	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
Tetrachloroethylene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1000	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	2000 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs																
1,2-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
1,3-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
1,4-Dichlorobenzene	75	ug/L	1.27	3.3	2.95	2.39	2.92	3.36	1.94	1.57	1.57	1.82	NA	NA	NA	NA
2-Methylnaphthalene	100 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
2-Methylphenol	NLE *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4-Chloro-3-Methylphenol	100 *	ug/L	ND	ND	ND	ND	3.4	ND	ND	ND	ND	ND	NA	NA	NA	NA
4-Methylphenol	NLE *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Acenaphthene	400	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Benzoic Acid	30000 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	30	ug/L	ND	ND	ND	ND	ND	6.27	ND	ND	ND	ND	NA	NA	NA	NA
Dibenzofuran	100 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Diethylphthalate	5000	ug/L	ND	ND	3.48	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Di-n-butylphthalate	900	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Fluorene	300	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Naphthalene	300 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Pest/PCBs																
4,4'-DDD	.1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4,4'-DDE	.1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4,4'-DDT	.1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
alpha-Chlordane	.5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Arochlor 1242	.5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Dieldrin	.03	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
gamma-Chlordane	.5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Heptachlor	.4	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Methoxychlor	40	ug/L	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																
Aluminum	200	ug/L	184	60.3	188	120	ND	ND	ND	376	282	246	NA	NA	NA	NA
Antimony	20	ug/L	2.72	ND	ND	ND	ND	ND	ND	6.24	ND	ND	NA	NA	NA	NA
Arsenic	8	ug/L	4	ND	ND	7	ND	ND	ND	4.6	ND	ND	NA	NA	NA	NA
Barium	2000	ug/L	320	612	569	592	536	869	837	869	761	449	NA	NA	NA	NA
Beryllium	20	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA

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

Table 4-7

Groundwater Sampling Results

Site M-8

Fort Monmouth, New Jersey

Round	Criterion	Units	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14
WELL ID			M8MW18	M8MW18	M8MW18	M8MW18	M8MW18	M8MW18	M8MW18	M8MW18	M8MW18	M8MW18	M8MW18	M8MW18	M8MW18	M8MW18
Date Collected			6/5/2000	9/6/2000	12/13/2000	3/21/2001	6/8/2001	9/24/2001	12/17/2001	3/21/2002	6/11/2002	9/23/2002	12/10/2002	3/21/2003	5/30/2003	8/22/2003
ANALYTE / Lab ID	Criterion	Units	5454.10	5693.10	5906.10	1601110	1617410	1644810	1666210	2016210	2036110	2067813	2087608	3013210	3025410	3054110
Metals																
Cadmium	4	ug/L	0.563	ND	ND	2.5	ND	ND	ND	0.919	ND	ND	NA	NA	NA	NA
Calcium	NLE	ug/L	162000	153000	166000	157000	156000	237000	368000	197000	187000	159000	NA	NA	NA	NA
Chromium	100	ug/L	27.8	ND	15.5	11.8	3.22	9.41	4.2	4.02	4.27	4.62	NA	NA	NA	NA
Cobalt	100 *	ug/L	0.708	1.1	0.835	1.2	ND	0.628	ND	1.33	0.708	0.854	NA	NA	NA	NA
Copper	1000	ug/L	293	ND	208	8	2.41	9.05	22.8	10.8	6.16	7.6	NA	NA	NA	NA
Iron	300	ug/L	4420	24000	23700	31700	20700	6760	5370	38800	29500	18700	NA	NA	NA	NA
Lead	10	ug/L	73.3	ND	35.2	ND	4.1	ND	11.3	9.12	11.4	6.71	NA	NA	NA	NA
Magnesium	NLE	ug/L	86900	61800	78700	59000	59100	154000	278000	113000	101000	93200	NA	NA	NA	NA
Manganese	50	ug/L	483	544	599	661	752	656	622	523	521	473	NA	NA	NA	NA
Mercury	2	ug/L	ND	ND	ND	ND	ND	ND	ND	0.16	ND	ND	NA	NA	NA	NA
Nickel	100	ug/L	13.2	ND	9.98	2	ND	36.2	ND	ND	ND	ND	NA	NA	NA	NA
Potassium	NLE	ug/L	55000	48100	56200	42600	51000	79400	119000	63000	61100	55900	NA	NA	NA	NA
Selenium	50	ug/L	8.46	ND	5.31	ND	45.1	ND	23.7	16.5	20.6	16.9	NA	NA	NA	NA
Silver	30 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Sodium	50000	ug/L	460000	300000	425000	244000	253000	1010000	1880000	625000	685000	565000	NA	NA	NA	NA
Thallium	10	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Vanadium	NLE	ug/L	1.55	ND	3.6	2.7	2.41	2.7	3.11	7.3	4.55	3.54	NA	NA	NA	NA
Zinc	5000	ug/L	451	32.2	406	69	50.3	55.5	56.2	44.1	57.2	64.2	NA	NA	NA	NA

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

Table 4-7
Groundwater Sampling Results
Site M-8
Fort Monmouth, New Jersey

Round	Criterion	Units	#15	#16	#17	#18
WELL ID			M8MW18	M8MW18	M8MW18	M8MW18
Date Collected			12/12/2003	3/5/2004	6/28/2004	8/30/2004
ANALYTE / Lab ID	Criterion	Units	3080407	4015508	4049410	4063710
VOCs						
1,2-Dichlorobenzene	600	ug/l	ND	ND	ND	0.37
1,3-Dichlorobenzene	600	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	75	ug/l	ND	2.05	3.61	4.49
2-Butanone	300	ug/l	ND	ND	ND	ND
Acetone	700	ug/l	ND	1	ND	ND
Benzene	1	ug/l	ND	ND	ND	ND
Carbon Disulfide	800 *	ug/l	ND	ND	ND	ND
Chlorobenzene	50 *	ug/l	0.72	11.3	12.69	13.86
Chloroform	6	ug/l	ND	ND	ND	ND
cis-1,2-Dichloroethylene	70 *	ug/l	ND	ND	ND	ND
Ethylbenzene	700	ug/l	ND	ND	ND	ND
Methylene Chloride	3 *	ug/l	ND	ND	ND	ND
Methyl-tert-Butyl ether	NLE	ug/l	ND	ND	ND	ND
Tetrachloroethylene	1	ug/l	ND	ND	ND	ND
Toluene	1000	ug/l	ND	ND	ND	ND
Trichloroethylene	1	ug/l	ND	ND	ND	ND
Trichlorofluoromethane	2000 *	ug/l	ND	ND	ND	ND
Vinyl chloride	5	ug/l	ND	ND	ND	ND

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

Table 4-8

Groundwater Sampling Results

Site M-8

Fort Monmouth, New Jersey

Round	Criterion	Units	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14
WELL ID			M8MW19	M8MW19	M8MW19	M8MW19	M8MW19	M8MW19	M8MW19	M8MW19	M8MW19	M8MW19	M8MW19	M8MW19	M8MW19	M8MW19
Date Collected			6/5/2000	9/6/2000	12/13/2000	3/21/2001	6/8/2001	9/24/2001	12/17/2001	3/21/2002	6/11/2002	9/23/2002	12/10/2002	3/21/2003	5/30/2003	8/22/2003
ANALYTE / Lab ID	Criterion	Units	5454.11	5693.11	5906.11	1601111	1617411	1644811	1666211	2016211	2036111	2067811	2087607	3013211	3025411	3054111
VOCs																
1,2-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	75	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	300	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	700	ug/L	ND	ND	ND	11.92	ND	ND	ND	15.36	ND	ND	ND	ND	ND	ND
Benzene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	800 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	50 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	6	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	70 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	700	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	3 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-tert-Butyl ether	NLE	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
Tetrachloroethylene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1000	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	2000 *	ug/L	ND	ND	ND	2.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs																
1,2-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
1,3-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
1,4-Dichlorobenzene	75	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
2-Methylnaphthalene	100 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
2-Methylphenol	NLE *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4-Chloro-3-Methylphenol	100 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4-Methylphenol	NLE *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Acenaphthene	400	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Benzoic Acid	30000 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	30	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Dibenzofuran	100 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Diethylphthalate	5000	ug/L	ND	ND	3.15	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Di-n-butylphthalate	900	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Fluorene	300	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Naphthalene	300 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Pest/PCBs																
4,4'-DDD	.1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4,4'-DDE	.1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4,4'-DDT	.1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
alpha-Chlordane	.5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Arochlor 1242	.5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Dieldrin	.03	ug/L	ND	ND	0.036	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
gamma-Chlordane	.5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Heptachlor	.4	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Methoxychlor	40	ug/L	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																
Aluminum	200	ug/L	53.5	79.5	54.4	230	49.1	25.6	ND	202	126	110	NA	NA	NA	NA
Antimony	20	ug/L	4.75	ND	ND	4	ND	ND	ND	10.7	ND	ND	NA	NA	NA	NA
Arsenic	8	ug/L	ND	ND	ND	12	ND	ND	ND	10.2	ND	ND	NA	NA	NA	NA
Barium	2000	ug/L	56.5	60.2	52.4	42.8	46.4	70.7	85.1	53.2	39.2	190	NA	NA	NA	NA
Beryllium	20	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA

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

Table 4-8

Groundwater Sampling Results

Site M-8

Fort Monmouth, New Jersey

Round	Criterion	Units	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14
WELL ID			M8MW19	M8MW19	M8MW19	M8MW19	M8MW19	M8MW19	M8MW19	M8MW19	M8MW19	M8MW19	M8MW19	M8MW19	M8MW19	M8MW19
Date Collected			6/5/2000	9/6/2000	12/13/2000	3/21/2001	6/8/2001	9/24/2001	12/17/2001	3/21/2002	6/11/2002	9/23/2002	12/10/2002	3/21/2003	5/30/2003	8/22/2003
ANALYTE / Lab ID	Criterion	Units	5454.11	5693.11	5906.11	1601111	1617411	1644811	1666211	2016211	2036111	2067811	2087607	3013211	3025411	3054111
Metals																
Cadmium	4	ug/L	ND	ND	ND	6.5	ND	ND	ND	5.02	1.39	2.62	NA	NA	NA	NA
Calcium	NLE	ug/L	103000	126000	114000	97400	102000	152000	111000	102000	91900	107000	NA	NA	NA	NA
Chromium	100	ug/L	8.68	ND	6.66	4.7	1.91	2.63	3.78	1.4	0.947	1.47	NA	NA	NA	NA
Cobalt	100 *	ug/L	ND	0.819	ND	1.5	ND	1.93	1.48	0.917	0.632	ND	NA	NA	NA	NA
Copper	1000	ug/L	8.99	ND	ND	6	ND	8.89	142	5.89	4.31	5.48	NA	NA	NA	NA
Iron	300	ug/L	7540	24400	19100	14500	24200	26700	25800	14000	9290	15400	NA	NA	NA	NA
Lead	10	ug/L	ND	ND	ND	ND	1.84	ND	22.5	2.6	ND	1.25	NA	NA	NA	NA
Magnesium	NLE	ug/L	23500	53600	42000	10900	51400	71700	91600	17900	15000	19700	NA	NA	NA	NA
Manganese	50	ug/L	86.8	260	234	46.2	160	256	171	72.3	86	185	NA	NA	NA	NA
Mercury	2	ug/L	ND	ND	ND	ND	0.14	ND	ND	ND	ND	ND	NA	NA	NA	NA
Nickel	100	ug/L	13.4	ND	14.5	22	4.88	1.28	5.56	22.1	12.1	1.83	NA	NA	NA	NA
Potassium	NLE	ug/L	8210	17900	ND	4350	14800	22200	30900	6950	6780	12400	NA	NA	NA	NA
Selenium	50	ug/L	5.26	ND	ND	ND	20.1	ND	9.88	ND	4.77	ND	NA	NA	NA	NA
Silver	30 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Sodium	50000	ug/L	94500	274000	181000	39800	219000	312000	421000	48100	60100	74600	NA	NA	NA	NA
Thallium	10	ug/L	ND	ND	ND	ND	ND	6.94	ND	ND	ND	ND	NA	NA	NA	NA
Vanadium	NLE	ug/L	ND	ND	0.576	3.6	1.31	1.08	0.931	2.7	1.36	1.53	NA	NA	NA	NA
Zinc	5000	ug/L	354	116	155	3280	475	236	338	1860	248	306	NA	NA	NA	NA

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

Table 4-8
Groundwater Sampling Results
Site M-8
Fort Monmouth, New Jersey

Round	Criterion	Units	#15	#16	#17	#18
WELL ID			M8MW19	M8MW19	M8MW19	M8MW19
Date Collected			12/12/2003	3/5/2004	6/28/2004	8/30/2004
ANALYTE / Lab ID	Criterion	Units	3080408	4015507	4049411	4063711
VOCs						
1,2-Dichlorobenzene	600	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	600	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	75	ug/l	ND	ND	ND	ND
2-Butanone	300	ug/l	ND	ND	ND	ND
Acetone	700	ug/l	ND	1.41	ND	ND
Benzene	1	ug/l	ND	ND	ND	ND
Carbon Disulfide	800 *	ug/l	ND	ND	ND	ND
Chlorobenzene	50 *	ug/l	ND	ND	ND	ND
Chloroform	6	ug/l	ND	ND	ND	ND
cis-1,2-Dichloroethylene	70 *	ug/l	ND	ND	ND	ND
Ethylbenzene	700	ug/l	ND	ND	ND	ND
Methylene Chloride	3 *	ug/l	ND	ND	ND	ND
Methyl-tert-Butyl ether	NLE	ug/l	ND	ND	ND	ND
Tetrachloroethylene	1	ug/l	ND	ND	ND	ND
Toluene	1000	ug/l	ND	ND	ND	ND
Trichloroethylene	1	ug/l	ND	ND	ND	ND
Trichlorofluoromethane	2000 *	ug/l	ND	ND	ND	ND
Vinyl chloride	5	ug/l	ND	ND	ND	ND

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

Table 4-9

Groundwater Sampling Results

Site M-8

Fort Monmouth, New Jersey

Round	Criterion	Units	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14
WELL ID			M8MW20	M8MW20	M8MW20	M8MW20	M8MW20	M8MW20	M8MW20	M8MW20	M8MW20	M8MW20	M8MW20	M8MW20	M8MW20	M8MW20
Date Collected			6/5/2000	9/6/2000	12/13/2000	3/21/2001	6/8/2001	9/24/2001	12/17/2001	3/21/2002	6/11/2002	9/23/2002	12/10/2002	3/21/2003	5/30/2003	8/22/2003
ANALYTE / Lab ID	Criterion	Units	5454.12	5693.12	5906.12	1601112	1617412	1644812	1666212	2016212	2036112	2067810	2087606	3013212	3025412	3054112
VOCs																
1,2-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	75	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	300	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	700	ug/L	ND	ND	ND	9.14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	800 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	50 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	6	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	70 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	700	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	3 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-tert-Butyl ether	NLE	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
Tetrachloroethylene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1000	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	2000 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs																
1,2-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
1,3-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
1,4-Dichlorobenzene	75	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
2-Methylnaphthalene	100 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
2-Methylphenol	NLE *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4-Chloro-3-Methylphenol	100 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4-Methylphenol	NLE *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Acenaphthene	400	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Benzoic Acid	30000 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	30	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Dibenzofuran	100 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Diethylphthalate	5000	ug/L	ND	ND	4.73	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Di-n-butylphthalate	900	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Fluorene	300	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Naphthalene	300 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Pest/PCBs																
4,4'-DDD	.1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4,4'-DDE	.1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4,4'-DDT	.1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
alpha-Chlordane	.5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Arochlor 1242	.5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Dieldrin	.03	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
gamma-Chlordane	.5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Heptachlor	.4	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Methoxychlor	40	ug/L	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																
Aluminum	200	ug/L	66.8	678	426	260	598	1570	315	546	158	721	NA	NA	NA	NA
Antimony	20	ug/L	ND	ND	ND	ND	ND	ND	ND	6.27	ND	ND	NA	NA	NA	NA
Arsenic	8	ug/L	ND	2.31	ND	11	4.32	ND	ND	4.5	ND	ND	NA	NA	NA	NA
Barium	2000	ug/L	10.8	96.9	35.5	48.9	35.4	113	62	25.6	11	80.5	NA	NA	NA	NA
Beryllium	20	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA

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

Table 4-9

Groundwater Sampling Results

Site M-8

Fort Monmouth, New Jersey

Round	Criterion	Units	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14
WELL ID			M8MW20	M8MW20	M8MW20	M8MW20	M8MW20	M8MW20	M8MW20	M8MW20	M8MW20	M8MW20	M8MW20	M8MW20	M8MW20	M8MW20
Date Collected			6/5/2000	9/6/2000	12/13/2000	3/21/2001	6/8/2001	9/24/2001	12/17/2001	3/21/2002	6/11/2002	9/23/2002	12/10/2002	3/21/2003	5/30/2003	8/22/2003
ANALYTE / Lab ID	Criterion	Units	5454.12	5693.12	5906.12	1601112	1617412	1644812	1666212	2016212	2036112	2067810	2087606	3013212	3025412	3054112
Metals																
Cadmium	4	ug/L	ND	1.02	0.621	1.3	1.12	2.71	2.66	3.34	0.617	2.48	NA	NA	NA	NA
Calcium	NLE	ug/L	19000	134000	76100	84400	34700	53600	20300	25900	19400	40500	NA	NA	NA	NA
Chromium	100	ug/L	41.2	10.7	32.2	27.1	33.2	55.8	41.7	29.5	30.4	43.8	NA	NA	NA	NA
Cobalt	100 *	ug/L	ND	1.3	0.863	1.4	1.95	2.93	ND	0.733	0.739	ND	NA	NA	NA	NA
Copper	1000	ug/L	13.3	ND	ND	9	6.59	11.5	9.92	8.05	7.22	9.6	NA	NA	NA	NA
Iron	300	ug/L	2740	5280	5090	6280	7760	14400	6800	4130	2870	8500	NA	NA	NA	NA
Lead	10	ug/L	2.78	ND	ND	ND	4.74	3.35	1.85	ND	ND	ND	NA	NA	NA	NA
Magnesium	NLE	ug/L	48000	93700	86300	68500	65600	92100	54000	55900	47800	88000	NA	NA	NA	NA
Manganese	50	ug/L	15.6	96.1	64.3	84.7	42.4	64.6	13.2	21.8	12.5	56.6	NA	NA	NA	NA
Mercury	2	ug/L	ND	ND	ND	ND	ND	ND	ND	0.11	ND	ND	NA	NA	NA	NA
Nickel	100	ug/L	1.92	ND	ND	2	2.89	5.22	ND	ND	ND	1.53	NA	NA	NA	NA
Potassium	NLE	ug/L	29900	42700	39900	33500	38200	44400	36700	35500	30100	48500	NA	NA	NA	NA
Selenium	50	ug/L	8.73	5.34	ND	ND	21.4	ND	12.3	14.6	20.1	16	NA	NA	NA	NA
Silver	30 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Sodium	50000	ug/L	355000	668000	601000	436000	515000	707000	417000	476000	379000	665000	NA	NA	NA	NA
Thallium	10	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Vanadium	NLE	ug/L	16.1	5.92	13	12.7	22.5	30.1	23.8	19.2	17	23.5	NA	NA	NA	NA
Zinc	5000	ug/L	24.3	80.4	57.1	38	128	185	16.5	121	39.4	98.5	NA	NA	NA	NA

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

Table 4-9
Groundwater Sampling Results
Site M-8
Fort Monmouth, New Jersey

Round	Criterion	Units	#15	#16	#17	#18
WELL ID			M8MW20	M8MW20	M8MW20	M8MW20
Date Collected			12/12/2003	3/5/2004	6/28/2004	8/30/2004
ANALYTE / Lab ID	Criterion	Units	3080409	4015506	4049412	4063712
VOCs						
1,2-Dichlorobenzene	600	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	600	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	75	ug/l	ND	ND	ND	ND
2-Butanone	300	ug/l	ND	ND	ND	ND
Acetone	700	ug/l	ND	ND	ND	ND
Benzene	1	ug/l	ND	ND	ND	ND
Carbon Disulfide	800 *	ug/l	ND	ND	ND	ND
Chlorobenzene	50 *	ug/l	ND	ND	ND	ND
Chloroform	6	ug/l	ND	ND	ND	ND
cis-1,2-Dichloroethylene	70 *	ug/l	ND	ND	ND	ND
Ethylbenzene	700	ug/l	ND	ND	ND	ND
Methylene Chloride	3 *	ug/l	ND	ND	ND	ND
Methyl-tert-Butyl ether	NLE	ug/l	ND	ND	ND	ND
Tetrachloroethylene	1	ug/l	ND	ND	ND	ND
Toluene	1000	ug/l	ND	ND	ND	ND
Trichloroethylene	1	ug/l	ND	ND	ND	ND
Trichlorofluoromethane	2000 *	ug/l	ND	ND	ND	ND
Vinyl chloride	5	ug/l	ND	ND	ND	ND

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

Table 4-10

Groundwater Sampling Results

Site M-8

Fort Monmouth, New Jersey

Round	Criterion	Units	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14
WELL ID			M8MW21	M8MW21	M8MW21	M8MW21	M8MW21	M8MW21	M8MW21	M8MW21	M8MW21	M8MW21	M8MW21	M8MW21	M8MW21	M8MW21
Date Collected			6/5/2000	9/6/2000	12/13/2000	3/21/2001	6/8/2001	9/24/2001	12/17/2001	3/21/2002	6/11/2002	9/23/2002	12/10/2002	3/21/2003	5/30/2003	8/22/2003
ANALYTE / Lab ID	Criterion	Units	5454.13	5693.13	5906.13	1601113	1617413	1644813	1666213	2016213	2036113	2067808	2087605	3013213	3025413	3054113
VOCs																
1,2-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	75	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	300	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	700	ug/L	ND	ND	ND	7.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	800 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	50 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	6	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	70 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	700	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	3 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-tert-Butyl ether	NLE	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
Tetrachloroethylene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1000	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	2000 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs																
1,2-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
1,3-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
1,4-Dichlorobenzene	75	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
2-Methylnaphthalene	100 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
2-Methylphenol	NLE *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4-Chloro-3-Methylphenol	100 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4-Methylphenol	NLE *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Acenaphthene	400	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Benzoic Acid	30000 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	30	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Dibenzofuran	100 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Diethylphthalate	5000	ug/L	ND	ND	1.83	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Di-n-butylphthalate	900	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Fluorene	300	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Naphthalene	300 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Pest/PCBs																
4,4'-DDD	.1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4,4'-DDE	.1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4,4'-DDT	.1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
alpha-Chlordane	.5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Arochlor 1242	.5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Dieldrin	.03	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
gamma-Chlordane	.5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Heptachlor	.4	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Methoxychlor	40	ug/L	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																
Aluminum	200	ug/L	225	910	418	3240	607	1180	703	1190	731	547	NA	NA	NA	NA
Antimony	20	ug/L	ND	ND	ND	2	3.02	ND	ND	6.27	ND	ND	NA	NA	NA	NA
Arsenic	8	ug/L	ND	4.03	ND	11	ND	ND	4.19	ND	ND	ND	NA	NA	NA	NA
Barium	2000	ug/L	11.8	52.3	34.7	31	35.2	91.2	127	24.7	22.7	71.1	NA	NA	NA	NA
Beryllium	20	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA

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

Table 4-10

Groundwater Sampling Results

Site M-8

Fort Monmouth, New Jersey

Round	Criterion	Units	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14
WELL ID			M8MW21	M8MW21	M8MW21	M8MW21	M8MW21	M8MW21	M8MW21	M8MW21	M8MW21	M8MW21	M8MW21	M8MW21	M8MW21	M8MW21
Date Collected			6/5/2000	9/6/2000	12/13/2000	3/21/2001	6/8/2001	9/24/2001	12/17/2001	3/21/2002	6/11/2002	9/23/2002	12/10/2002	3/21/2003	5/30/2003	8/22/2003
ANALYTE / Lab ID	Criterion	Units	5454.13	5693.13	5906.13	1601113	1617413	1644813	1666213	2016213	2036113	2067808	2087605	3013213	3025413	3054113
Metals																
Cadmium	4	ug/L	0.974	ND	ND	3.2	ND	ND	ND	1.26	0.92	ND	NA	NA	NA	NA
Calcium	NLE	ug/L	129000	151000	152000	136000	174000	259000	324000	60100	62200	199000	NA	NA	NA	NA
Chromium	100	ug/L	26.6	8.12	19	27.5	6.54	12	7.51	5.08	5.58	7.86	NA	NA	NA	NA
Cobalt	100 *	ug/L	ND	ND	ND	1.6	ND	1.82	1.48	ND	ND	ND	NA	NA	NA	NA
Copper	1000	ug/L	ND	ND	ND	25	31.9	28.3	9.91	17.5	12.3	10.6	NA	NA	NA	NA
Iron	300	ug/L	3680	23400	17800	15000	14000	41000	66800	3240	5290	25800	NA	NA	NA	NA
Lead	10	ug/L	ND	8.66	ND	ND	4.57	5.87	6.92	4.01	1.22	3.06	NA	NA	NA	NA
Magnesium	NLE	ug/L	96800	179000	179000	93100	107000	263000	419000	32500	78000	237000	NA	NA	NA	NA
Manganese	50	ug/L	83.1	128	138	52.4	184	256	308	11	72	132	NA	NA	NA	NA
Mercury	2	ug/L	ND	ND	ND	ND	ND	ND	ND	0.39	ND	ND	NA	NA	NA	NA
Nickel	100	ug/L	11.5	ND	1.17	11	3.9	2.99	ND	5.89	2.79	6.69	NA	NA	NA	NA
Potassium	NLE	ug/L	31800	67800	54600	34100	43200	81300	149000	16900	33900	86100	NA	NA	NA	NA
Selenium	50	ug/L	3.37	ND	ND	ND	34	4.27	29.9	5.09	7.56	19.4	NA	NA	NA	NA
Silver	30 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Sodium	50000	ug/L	683000	1450000	1340000	665000	700000	2000000	3220000	161000	670000	1730000	NA	NA	NA	NA
Thallium	10	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Vanadium	NLE	ug/L	ND	ND	1.96	10.2	3.31	5.98	5.37	4.8	3.61	4.11	NA	NA	NA	NA
Zinc	5000	ug/L	275	162	111	501	251	237	178	447	152	177	NA	NA	NA	NA

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

Table 4-10
Groundwater Sampling Results
Site M-8
Fort Monmouth, New Jersey

Round	Criterion	Units	#15	#16	#17	#18
WELL ID			M8MW21	M8MW21	M8MW21	M8MW21
Date Collected			12/12/2003	3/5/2004	6/28/2004	8/30/2004
ANALYTE / Lab ID	Criterion	Units	3080410	4015505	4049413	4063713
VOCs						
1,2-Dichlorobenzene	600	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	600	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	75	ug/l	ND	ND	ND	ND
2-Butanone	300	ug/l	ND	ND	ND	ND
Acetone	700	ug/l	ND	ND	ND	ND
Benzene	1	ug/l	ND	ND	ND	ND
Carbon Disulfide	800 *	ug/l	ND	ND	ND	ND
Chlorobenzene	50 *	ug/l	ND	ND	ND	ND
Chloroform	6	ug/l	ND	ND	ND	ND
cis-1,2-Dichloroethylene	70 *	ug/l	ND	ND	ND	ND
Ethylbenzene	700	ug/l	ND	ND	ND	ND
Methylene Chloride	3 *	ug/l	ND	ND	ND	ND
Methyl-tert-Butyl ether	NLE	ug/l	ND	ND	ND	ND
Tetrachloroethylene	1	ug/l	ND	ND	ND	ND
Toluene	1000	ug/l	ND	ND	ND	ND
Trichloroethylene	1	ug/l	ND	ND	ND	ND
Trichlorofluoromethane	2000 *	ug/l	ND	ND	ND	ND
Vinyl chloride	5	ug/l	ND	ND	ND	ND

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

Table 4-11

Groundwater Sampling Results

Site M-8

Fort Monmouth, New Jersey

Round	Criterion	Units	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14
WELL ID			M8MW22	M8MW22	M8MW22	M8MW22	M8MW22	M8MW22	M8MW22	M8MW22	M8MW22	M8MW22	M8MW22	M8MW22	M8MW22	M8MW22
Date Collected			6/5/2000	9/6/2000	12/13/2000	3/21/2001	6/8/2001	9/24/2001	12/17/2001	3/21/2002	6/11/2002	9/23/2002	12/10/2002	3/21/2003	5/30/2003	8/22/2003
ANALYTE / Lab ID	Criterion	Units	5454.14	5693.14	5906.14	1601114	1617414	1644814	1666214	2016214	2036114	2067807	2087604	3013214	3025414	3054114
VOCs																
1,2-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	75	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	300	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	700	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	800 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	50 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	6	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	70 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	700	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	3 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-tert-Butyl ether	NLE	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
Tetrachloroethylene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1000	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	2000 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs																
1,2-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
1,3-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
1,4-Dichlorobenzene	75	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
2-Methylnaphthalene	100 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
2-Methylphenol	NLE *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4-Chloro-3-Methylphenol	100 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4-Methylphenol	NLE *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Acenaphthene	400	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Benzoic Acid	30000 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	30	ug/L	ND	ND	2.39	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Dibenzofuran	100 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Diethylphthalate	5000	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Di-n-butylphthalate	900	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Fluorene	300	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Naphthalene	300 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Pest/PCBs																
4,4'-DDD	.1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4,4'-DDE	.1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4,4'-DDT	.1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
alpha-Chlordane	.5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Arochlor 1242	.5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Dieldrin	.03	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
gamma-Chlordane	.5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Heptachlor	.4	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Methoxychlor	40	ug/L	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																
Aluminum	200	ug/L	789	1170	1200	1080	383	4380	2490	1450	842	2580	NA	NA	NA	NA
Antimony	20	ug/L	3.67	ND	ND	6	ND	ND	ND	7.78	ND	ND	NA	NA	NA	NA
Arsenic	8	ug/L	ND	ND	ND	12	3.79	ND	ND	2.42	ND	ND	NA	NA	NA	NA
Barium	2000	ug/L	31.9	39.1	30.3	26.2	27.4	112	35.9	10.8	14.3	34.7	NA	NA	NA	NA
Beryllium	20	ug/L	0.691	0.627	ND	ND	ND	2.18	1.39	1.02	0.775	1.93	NA	NA	NA	NA

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

Table 4-11

Groundwater Sampling Results

Site M-8

Fort Monmouth, New Jersey

Round	Criterion	Units	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14
WELL ID			M8MW22	M8MW22	M8MW22	M8MW22	M8MW22	M8MW22	M8MW22	M8MW22	M8MW22	M8MW22	M8MW22	M8MW22	M8MW22	M8MW22
Date Collected			6/5/2000	9/6/2000	12/13/2000	3/21/2001	6/8/2001	9/24/2001	12/17/2001	3/21/2002	6/11/2002	9/23/2002	12/10/2002	3/21/2003	5/30/2003	8/22/2003
ANALYTE / Lab ID	Criterion	Units	5454.14	5693.14	5906.14	1601114	1617414	1644814	1666214	2016214	2036114	2067807	2087604	3013214	3025414	3054114
Metals																
Cadmium	4	ug/L	1.07	0.787	1.04	1.2	ND	2.05	1.96	2.27	1.74	1.21	NA	NA	NA	NA
Calcium	NLE	ug/L	41800	46900	65000	28400	23500	169000	177000	73100	72000	101000	NA	NA	NA	NA
Chromium	100	ug/L	22.7	ND	17.5	10.1	5.45	22.7	6.82	2.18	2.16	6.65	NA	NA	NA	NA
Cobalt	100 *	ug/L	9.78	5.41	9.61	6.2	4.03	14.3	16.8	17.8	11.2	11.4	NA	NA	NA	NA
Copper	1000	ug/L	13.5	ND	ND	21	17.3	82.2	31.5	16.4	13.8	26.9	NA	NA	NA	NA
Iron	300	ug/L	324	2920	3000	3930	1540	15700	13000	3760	1720	9870	NA	NA	NA	NA
Lead	10	ug/L	2.34	10.2	8.69	11	2.67	51.2	24.9	6.62	2.23	11.3	NA	NA	NA	NA
Magnesium	NLE	ug/L	80500	107000	149000	56900	51200	345000	353000	69900	71100	218000	NA	NA	NA	NA
Manganese	50	ug/L	394	302	455	272	214	1110	1440	1340	785	628	NA	NA	NA	NA
Mercury	2	ug/L	ND	0.12	ND	ND	ND	ND	0.1	ND	ND	ND	NA	NA	NA	NA
Nickel	100	ug/L	22.1	ND	4.8	11	8.46	27.8	28.2	32.3	29	22.7	NA	NA	NA	NA
Potassium	NLE	ug/L	36600	50300	51600	23700	26800	107000	124000	32100	36400	90200	NA	NA	NA	NA
Selenium	50	ug/L	ND	ND	ND	ND	8.8	28.6	35.9	5.95	6.36	23.3	NA	NA	NA	NA
Silver	30 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Sodium	50000	ug/L	631000	1030000	1240000	470000	452000	2030000	2360000	300000	439000	1790000	NA	NA	NA	NA
Thallium	10	ug/L	ND	ND	ND	ND	ND	ND	6.04	ND	ND	ND	NA	NA	NA	NA
Vanadium	NLE	ug/L	ND	ND	1.08	5.3	4.3	9.66	2.93	1.42	0.913	1.75	NA	NA	NA	NA
Zinc	5000	ug/L	688	410	641	402	434	1360	1830	2280	1730	769	NA	NA	NA	NA

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

Table 4-11
Groundwater Sampling Results
Site M-8
Fort Monmouth, New Jersey

Round	Criterion	Units	#15	#16	#17	#18
WELL ID			M8MW22	M8MW22	M8MW22	M8MW22
Date Collected			12/12/2003	3/5/2004	6/28/2004	8/30/2004
ANALYTE / Lab ID	Criterion	Units	3080411	4015504	4049414	4063714
VOCs						
1,2-Dichlorobenzene	600	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	600	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	75	ug/l	ND	ND	ND	ND
2-Butanone	300	ug/l	ND	ND	ND	ND
Acetone	700	ug/l	ND	ND	ND	ND
Benzene	1	ug/l	ND	ND	ND	ND
Carbon Disulfide	800 *	ug/l	ND	ND	ND	ND
Chlorobenzene	50 *	ug/l	ND	ND	ND	ND
Chloroform	6	ug/l	ND	ND	ND	ND
cis-1,2-Dichloroethylene	70 *	ug/l	ND	ND	ND	ND
Ethylbenzene	700	ug/l	ND	ND	ND	ND
Methylene Chloride	3 *	ug/l	ND	ND	ND	ND
Methyl-tert-Butyl ether	NLE	ug/l	ND	ND	ND	ND
Tetrachloroethylene	1	ug/l	ND	ND	ND	ND
Toluene	1000	ug/l	ND	ND	ND	ND
Trichloroethylene	1	ug/l	ND	ND	ND	ND
Trichlorofluoromethane	2000 *	ug/l	ND	ND	ND	ND
Vinyl chloride	5	ug/l	ND	ND	ND	ND

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

Table 4-12

Groundwater Sampling Results

Site M-8

Fort Monmouth, New Jersey

Round	Criterion	Units	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14
WELL ID			M8MW23	M8MW23	M8MW23	M8MW23	M8MW23	M8MW23	M8MW23	M8MW23	M8MW23	M8MW23	M8MW23	M8MW23	M8MW23	M8MW23
Date Collected			6/5/2000	9/6/2000	12/13/2000	3/21/2001	6/8/2001	9/24/2001	12/17/2001	3/21/2002	6/11/2002	9/23/2002	12/10/2002	3/21/2003	5/30/2003	8/22/2003
ANALYTE / Lab ID	Criterion	Units	5454.15	5693.15	5906.15	1601115	1617415	1644815	1666215	2016215	2036115	2067805	2087611	3013215	3025415	3054115
VOCs																
1,2-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	75	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	300	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	22.19	ND	7.98	ND	ND	ND
Acetone	700	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	800 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	7.7	6.13	ND	ND	ND	ND
Chlorobenzene	50 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	6	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	70 *	ug/L	ND	6.81	10.99	3.92	8.29	16.42	18.47	6.85	15.89	5.86	5.78	ND	1.01	11.74
Ethylbenzene	700	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	3 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-tert-Butyl ether	NLE	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
Tetrachloroethylene	1	ug/L	4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1000	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.79	ND	ND	ND
Trichloroethylene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	1.2	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	2000 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.06	ND	ND	4.07
SVOCs																
1,2-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
1,3-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
1,4-Dichlorobenzene	75	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
2-Methylnaphthalene	100 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
2-Methylphenol	NLE *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4-Chloro-3-Methylphenol	100 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4-Methylphenol	NLE *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	11.97	10.11	NA	NA	NA	NA
Acenaphthene	400	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Benzoic Acid	30000 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	2.86	ND	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	30	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Dibenzofuran	100 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Diethylphthalate	5000	ug/L	ND	ND	2.79	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Di-n-butylphthalate	900	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Fluorene	300	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Naphthalene	300 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Pest/PCBs																
4,4'-DDD	.1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4,4'-DDE	.1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4,4'-DDT	.1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
alpha-Chlordane	.5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Arochlor 1242	.5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Dieldrin	.03	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
gamma-Chlordane	.5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Heptachlor	.4	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Methoxychlor	40	ug/L	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																
Aluminum	200	ug/L	15.1	110	ND	ND	46.6	139	292	394	490	62.4	NA	NA	NA	NA
Antimony	20	ug/L	3.55	ND	ND	ND	ND	ND	ND	3.2	ND	ND	NA	NA	NA	NA
Arsenic	8	ug/L	ND	ND	ND	12	3.41	3.87	6.74	4.93	ND	2.43	NA	NA	NA	NA
Barium	2000	ug/L	76.7	45.8	34.4	39.3	56.1	57.3	91	41.6	96.6	142	NA	NA	NA	NA
Beryllium	20	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA

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

Table 4-12

Groundwater Sampling Results

Site M-8

Fort Monmouth, New Jersey

Round	Criterion	Units	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14
WELL ID			M8MW23	M8MW23	M8MW23	M8MW23	M8MW23	M8MW23	M8MW23	M8MW23	M8MW23	M8MW23	M8MW23	M8MW23	M8MW23	M8MW23
Date Collected			6/5/2000	9/6/2000	12/13/2000	3/21/2001	6/8/2001	9/24/2001	12/17/2001	3/21/2002	6/11/2002	9/23/2002	12/10/2002	3/21/2003	5/30/2003	8/22/2003
ANALYTE / Lab ID	Criterion	Units	5454.15	5693.15	5906.15	1601115	1617415	1644815	1666215	2016215	2036115	2067805	2087611	3013215	3025415	3054115
Metals																
Cadmium	4	ug/L	ND	ND	ND	5	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Calcium	NLE	ug/L	15200	30100	27100	26700	30000	32200	54500	39100	52200	27100	NA	NA	NA	NA
Chromium	100	ug/L	4.08	ND	ND	ND	ND	1.86	3.27	3.03	2.58	1.14	NA	NA	NA	NA
Cobalt	100 *	ug/L	2.2	2	0.647	7.2	1.31	1.26	1.84	6.49	1.15	ND	NA	NA	NA	NA
Copper	1000	ug/L	5.63	ND	ND	ND	3.93	6.93	18.5	6.49	11.2	2.34	NA	NA	NA	NA
Iron	300	ug/L	203	3880	5180	2650	6260	6650	8300	4900	12300	7410	NA	NA	NA	NA
Lead	10	ug/L	3.06	2.79	3.94	7	12.2	13.5	33.5	9.98	21.9	4	NA	NA	NA	NA
Magnesium	NLE	ug/L	10300	8190	5860	5810	6270	9090	17400	7670	9100	5230	NA	NA	NA	NA
Manganese	50	ug/L	1800	1020	739	585	2280	1600	1400	640	2080	548	NA	NA	NA	NA
Mercury	2	ug/L	ND	ND	ND	ND	ND	ND	0.1	ND	ND	ND	NA	NA	NA	NA
Nickel	100	ug/L	11.5	ND	ND	22	10.4	5.4	5.41	27.2	1.86	ND	NA	NA	NA	NA
Potassium	NLE	ug/L	6140	5150	3440	2050	3270	5560	7290	5310	5130	3890	NA	NA	NA	NA
Selenium	50	ug/L	ND	ND	ND	ND	9.13	ND	ND	ND	8.43	ND	NA	NA	NA	NA
Silver	30 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Sodium	50000	ug/L	23000	46100	36600	20600	23300	46300	80200	41100	27300	25800	NA	NA	NA	NA
Thallium	10	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Vanadium	NLE	ug/L	ND	ND	1.19	ND	0.923	1.16	2.18	2.66	6.81	1.89	NA	NA	NA	NA
Zinc	5000	ug/L	1680	490	57.7	1040	784	856	1720	882	1000	226	NA	NA	NA	NA

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

Table 4-12
Groundwater Sampling Results
Site M-8
Fort Monmouth, New Jersey

Round	Criterion	Units	#15	#16	#17	#18
WELL ID			M8MW23	M8MW23	M8MW23	M8MW23
Date Collected			12/30/2003	3/9/2004	6/28/2004	8/30/2004
ANALYTE / Lab ID	Criterion	Units	3083107	4015708	4049415	4063715
VOCs						
1,2-Dichlorobenzene	600	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	600	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	75	ug/l	ND	ND	ND	ND
2-Butanone	300	ug/l	ND	ND	ND	ND
Acetone	700	ug/l	ND	ND	ND	ND
Benzene	1	ug/l	ND	ND	ND	ND
Carbon Disulfide	800 *	ug/l	ND	ND	ND	ND
Chlorobenzene	50 *	ug/l	ND	ND	ND	ND
Chloroform	6	ug/l	ND	ND	ND	ND
cis-1,2-Dichloroethylene	70 *	ug/l	0.47	2.12	5.46	8.29
Ethylbenzene	700	ug/l	ND	ND	ND	ND
Methylene Chloride	3 *	ug/l	ND	ND	ND	ND
Methyl-tert-Butyl ether	NLE	ug/l	ND	ND	ND	ND
Tetrachloroethylene	1	ug/l	ND	ND	ND	ND
Toluene	1000	ug/l	ND	ND	ND	ND
Trichloroethylene	1	ug/l	ND	ND	ND	0.95
Trichlorofluoromethane	2000 *	ug/l	ND	ND	ND	ND
Vinyl chloride	5	ug/l	ND	2.4	5.13	13.71

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

Table 4-13

Groundwater Sampling Results

Site M-8

Fort Monmouth, New Jersey

Round	Criterion	Units	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14
WELL ID			M8MW24	M8MW24	M8MW24	M8MW24	M8MW24	M8MW24	M8MW24	M8MW24	M8MW24	M8MW24	M8MW24	M8MW24	M8MW24	M8MW24
Date Collected			6/5/2000	9/6/2000	12/26/2000	4/2/2001	6/23/2001	9/26/2001	12/10/2001	3/27/2002	6/22/2002	9/26/2002	12/13/2002	3/20/2003	6/25/2003	9/8/2003
ANALYTE / Lab ID	Criterion	Units	5454.16	5693.16	5919.01	1601701	1620704	1646001	1663401	2017101	2039001	2068801	2088601	3012704	3032103	3058004
VOCs																
1,2-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	600	ug/L	ND	ND	ND	4.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	75	ug/L	ND	ND	ND	13.51	ND	ND	ND	ND	ND	ND	ND	1.15	ND	ND
2-Butanone	300	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	700	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1	ug/L	1.35	1.49	ND	3.97	ND	1.28	1.4	ND	1.33	ND	ND	ND	ND	1.08
Carbon Disulfide	800 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	50 *	ug/L	2.74	2.91	1.37	39.77	1.7	2.8	1.94	ND	1.78	2.51	1.42	5	3.02	2.15
Chloroform	6	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	70 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Ethylbenzene	700	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	3 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-tert-Butyl ether	NLE	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
Tetrachloroethene	1	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Tetrachloroethylene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Toluene	1000	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Trichlorofluoromethane	2000 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs																
1,2-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
1,3-Dichlorobenzene	600	ug/L	ND	ND	ND	2.37	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
1,4-Dichlorobenzene	75	ug/L	ND	ND	ND	7.68	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
2-Methylnaphthalene	100 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
2-Methylphenol	NLE *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4-Chloro-3-Methylphenol	100 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4-Methylphenol	NLE *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Acenaphthene	400	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Benzoic Acid	30000 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	30	ug/L	ND	ND	ND	3.38	ND	ND	1.44	ND	ND	ND	NA	NA	NA	NA
Dibenzofuran	100 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Diethylphthalate	5000	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Di-n-butylphthalate	900	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Fluorene	300	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Naphthalene	300 *	ug/L	ND	ND	ND	10.97	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Pest/PCBs																
4,4'-DDD	.1	ug/L	ND	0.15	ND	ND	ND	ND	0.004	ND	ND	ND	NA	NA	NA	NA
4,4'-DDE	.1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4,4'-DDT	.1	ug/L	ND	0.042	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
alpha-Chlordane	.5	ug/L	ND	0.066	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Arochlor 1242	.5	ug/L	1.08	1.8	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Dieldrin	.03	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
gamma-Chlordane	.5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Heptachlor	.4	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Methoxychlor	40	ug/L	ND	0.065	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Metals																
Aluminum	200	ug/L	ND	56.9	23.2	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Antimony	20	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Arsenic	8	ug/L	ND	ND	ND	ND	ND	ND	ND	4.17	ND	3.49	NA	NA	NA	NA
Barium	2000	ug/L	120	113	65.9	601	173	289	186	85	137	201	NA	NA	NA	NA

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

Table 4-13

Groundwater Sampling Results

Site M-8

Fort Monmouth, New Jersey

Round	Criterion	Units	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14
WELL ID			M8MW24	M8MW24	M8MW24	M8MW24	M8MW24	M8MW24	M8MW24	M8MW24	M8MW24	M8MW24	M8MW24	M8MW24	M8MW24	M8MW24
Date Collected			6/5/2000	9/6/2000	12/26/2000	4/2/2001	6/23/2001	9/26/2001	12/10/2001	3/27/2002	6/22/2002	9/26/2002	12/13/2002	3/20/2003	6/25/2003	9/8/2003
ANALYTE / Lab ID	Criterion	Units	5454.16	5693.16	5919.01	1601701	1620704	1646001	1663401	2017101	2039001	2068801	2088601	3012704	3032103	3058004
Metals																
Beryllium	20	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Cadmium	4	ug/L	ND	ND	ND	2.7	1.06	ND	ND	ND	ND	ND	NA	NA	NA	NA
Calcium	NLE	ug/L	50800	49200	41100	201000	55000	78400	57500	46600	48000	61600	NA	NA	NA	NA
Chromium	100	ug/L	3.93	ND	ND	ND	ND	0.844	3.49	ND	ND	ND	NA	NA	NA	NA
Cobalt	100 *	ug/L	ND	ND	ND	ND	ND	0.778	ND	ND	ND	ND	NA	NA	NA	NA
Copper	1000	ug/L	ND	ND	ND	10	ND	24.4	2.32	ND	ND	ND	NA	NA	NA	NA
Iron	300	ug/L	7150	7450	3130	30600	11300	22200	12700	6080	8000	13900	NA	NA	NA	NA
Lead	10	ug/L	5.61	ND	ND	25	ND	4.76	2.37	ND	ND	ND	NA	NA	NA	NA
Magnesium	NLE	ug/L	7920	7480	4970	34000	7920	14900	9800	6320	7200	11500	NA	NA	NA	NA
Manganese	50	ug/L	103	78.6	42.6	461	87.6	179	93.1	55.9	66	90.5	NA	NA	NA	NA
Mercury	2	ug/L	ND	ND	ND	0.25	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Nickel	100	ug/L	3.86	ND	ND	7	ND	2.32	1.81	ND	ND	ND	NA	NA	NA	NA
Potassium	NLE	ug/L	10500	10900	7930	20500	9360	13700	11100	8460	8840	12300	NA	NA	NA	NA
Selenium	50	ug/L	ND	ND	ND	ND	9.87	ND	ND	ND	5.68	5.88	NA	NA	NA	NA
Silver	30 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Sodium	50000	ug/L	24000	26800	10100	92800	32000	57500	34500	21500	24400	45500	NA	NA	NA	NA
Thallium	10	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Vanadium	NLE	ug/L	ND	ND	ND	1.3	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Zinc	5000	ug/L	38.9	25.9	ND	ND	23.5	34.4	ND	6.03	5.97	22	NA	NA	NA	NA

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

Table 4-13
Groundwater Sampling Results
Site M-8
Fort Monmouth, New Jersey

Round	Criterion	Units	#15	#16	#17	#18
WELL ID			M8MW24	M8MW24	M8MW24	M8MW24
Date Collected			11/21/2003	2/25/2004	6/28/2004	8/30/2004
ANALYTE / Lab ID	Criterion	Units	3075504	4014201	4049901	4063716
VOCs						
1,2-Dichlorobenzene	600	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	600	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	75	ug/l	ND	0.74	0.72	0.7
2-Butanone	300	ug/l	ND	ND	ND	ND
Acetone	700	ug/l	ND	ND	ND	ND
Benzene	1	ug/l	0.65	1.2	0.98	1.16
Carbon Disulfide	800 *	ug/l	ND	ND	ND	ND
Chlorobenzene	50 *	ug/l	1.45	3.11	2.61	2.56
Chloroform	6	ug/l	ND	ND	ND	ND
cis-1,2-Dichloroethylene	70 *	ug/l	ND	ND	ND	ND
Ethylbenzene	700	ug/l	ND	ND	ND	0.42
Methylene Chloride	3 *	ug/l	ND	ND	ND	ND
Methyl-tert-Butyl ether	NLE	ug/l	ND	ND	ND	ND
Tetrachloroethylene	1	ug/l	ND	ND	ND	ND
Toluene	1000	ug/l	ND	ND	ND	ND
Trichloroethylene	1	ug/l	ND	ND	ND	ND
Trichlorofluoromethane	2000 *	ug/l	ND	ND	ND	ND
Vinyl chloride	5	ug/l	ND	ND	ND	ND

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

Table 4-14

Groundwater Sampling Results

Site M-8

Fort Monmouth, New Jersey

Round	Criterion	Units	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14
WELL ID			697MW01	697MW01	697MW01	697MW01	697MW01	697MW01	697MW01	697MW01	697MW01	697MW01	697MW01	697MW01	697MW01	697MW01
Date Collected			6/5/2000	9/6/2000	12/13/2000	3/21/2001	6/8/2001	9/24/2001	12/17/2001	3/21/2002	6/11/2002	9/23/2002	12/13/2002	3/21/2003	5/30/2003	8/22/2003
ANALYTE / Lab ID	Criterion	Units	5454.17	5693.17	5906.17	1601116	1617416	1644816	1666216	2016216	2036116	2067806	2088508	3013216	3025416	3054116
VOCs																
1,2-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	75	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	300	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	700	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	800 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	50 *	ug/L	ND	ND	ND	ND	1.06	3.23	1.15	ND	1.07	ND	ND	ND	ND	ND
Chloroform	6	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	70 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	700	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	3 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-tert-Butyl ether	NLE	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
Tetrachloroethylene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.25
Toluene	1000	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene	1	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	2000 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs																
1,2-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
1,3-Dichlorobenzene	600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
1,4-Dichlorobenzene	75	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
2-Methylnaphthalene	100 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
2-Methylphenol	NLE *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4-Chloro-3-Methylphenol	100 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
4-Methylphenol	NLE *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Acenaphthene	400	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Benzoic Acid	30000 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	30	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Dibenzofuran	100 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Diethylphthalate	5000	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Di-n-butylphthalate	900	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Fluorene	300	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Naphthalene	300 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Pest/PCBs																
4,4'-DDD	.1	ug/L	ND	0.931	0.468	0.339	0.19	0.26	0.207	0.282	0.126	0.096	NA	NA	NA	NA
4,4'-DDE	.1	ug/L	ND	ND	0.023	0.025	ND	0.024	0.022	0.025	0.011	0.005	NA	NA	NA	NA
4,4'-DDT	.1	ug/L	0.201	0.25	0.096	0.113	0.064	0.07	0.041	0.042	0.022	0.022	NA	NA	NA	NA
alpha-Chlordane	.5	ug/L	0.487	0.475	0.207	0.232	0.139	0.193	0.105	0.118	0.058	0.075	NA	NA	NA	NA
Arochlor 1242	.5	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Dieldrin	.03	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
gamma-Chlordane	.5	ug/L	0.37	ND	ND	0.202	0.111	0.176	0.095	0.102	0.05	0.045	NA	NA	NA	NA
Heptachlor	.4	ug/L	0.074	0.069	0.06	0.043	ND	0.025	ND	0.022	ND	0.005	NA	NA	NA	NA
Methoxychlor	40	ug/L	ND	0.636	0.236	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																
Aluminum	200	ug/L	ND	35.8	ND	140	17.6	191	609	49	79.1	103	NA	NA	NA	NA
Antimony	20	ug/L	ND	ND	ND	6	ND	ND	ND	5.63	ND	ND	NA	NA	NA	NA
Arsenic	8	ug/L	ND	ND	ND	7	ND	ND	4.19	5.27	ND	ND	NA	NA	NA	NA
Barium	2000	ug/L	17.7	23.2	18.7	18.1	20.9	51.3	32.6	21.7	20.7	14.9	NA	NA	NA	NA
Beryllium	20	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA

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

Table 4-14

Groundwater Sampling Results

Site M-8

Fort Monmouth, New Jersey

Round	Criterion	Units	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14
WELL ID			697MW01	697MW01	697MW01	697MW01	697MW01	697MW01	697MW01	697MW01	697MW01	697MW01	697MW01	697MW01	697MW01	697MW01
Date Collected			6/5/2000	9/6/2000	12/13/2000	3/21/2001	6/8/2001	9/24/2001	12/17/2001	3/21/2002	6/11/2002	9/23/2002	12/13/2002	3/21/2003	5/30/2003	8/22/2003
ANALYTE / Lab ID	Criterion	Units	5454.17	5693.17	5906.17	1601116	1617416	1644816	1666216	2016216	2036116	2067806	2088508	3013216	3025416	3054116
Metals																
Cadmium	4	ug/L	ND	ND	ND	ND	ND	0.801	0.677	ND	0.601	ND	NA	NA	NA	NA
Calcium	NLE	ug/L	11700	17700	13100	11000	9930	31700	18400	12400	12000	10400	NA	NA	NA	NA
Chromium	100	ug/L	2.31	ND	ND	2.2	ND	3.17	9.5	0.72	0.743	1.57	NA	NA	NA	NA
Cobalt	100 *	ug/L	1.64	2.66	2.33	2	1.81	5.93	3.42	2.53	2.52	1.47	NA	NA	NA	NA
Copper	1000	ug/L	ND	ND	ND	4	ND	6.85	74.4	3.34	2.3	ND	NA	NA	NA	NA
Iron	300	ug/L	1050	1640	970	1690	102	2030	7360	1410	5310	2150	NA	NA	NA	NA
Lead	10	ug/L	5.34	ND	ND	1	ND	ND	9.98	ND	ND	ND	NA	NA	NA	NA
Magnesium	NLE	ug/L	3980	6040	4800	4070	3520	12000	7110	4650	4400	3650	NA	NA	NA	NA
Manganese	50	ug/L	19.2	22	20.9	20.4	23.3	57.3	43.1	22	20.9	15.3	NA	NA	NA	NA
Mercury	2	ug/L	ND	0.5	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Nickel	100	ug/L	13.9	ND	8.04	8	8.45	26.6	18.1	9.55	9.98	6.93	NA	NA	NA	NA
Potassium	NLE	ug/L	2000	2990	2430	2190	2040	4960	4760	3260	2930	2190	NA	NA	NA	NA
Selenium	50	ug/L	ND	ND	ND	ND	6.62	ND	ND	ND	5.77	4.83	NA	NA	NA	NA
Silver	30 *	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Sodium	50000	ug/L	18500	23300	26800	24200	19600	49100	35800	26200	27200	15900	NA	NA	NA	NA
Thallium	10	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
Vanadium	NLE	ug/L	ND	ND	ND	0.7	ND	1.69	5.1	0.62	ND	1.37	NA	NA	NA	NA
Zinc	5000	ug/L	48.4	25.3	ND	ND	19.2	43.2	50	8.98	13.5	23.8	NA	NA	NA	NA

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

Table 4-14
Groundwater Sampling Results
Site M-8
Fort Monmouth, New Jersey

Round	Criterion	Units	#15	#16	#17	#18
WELL ID			697MW01	697MW01	697MW01	697MW01
Date Collected			12/30/2003	3/9/2004	6/28/2004	8/30/2004
ANALYTE / Lab ID	Criterion	Units	3083108	4015709	4049416	4063717
VOCs						
1,2-Dichlorobenzene	600	ug/l	ND	ND	ND	ND
1,3-Dichlorobenzene	600	ug/l	ND	ND	ND	ND
1,4-Dichlorobenzene	75	ug/l	ND	ND	ND	ND
2-Butanone	300	ug/l	ND	ND	ND	ND
Acetone	700	ug/l	ND	ND	ND	ND
Benzene	1	ug/l	ND	ND	0.43	ND
Carbon Disulfide	800 *	ug/l	ND	ND	ND	ND
Chlorobenzene	50 *	ug/l	ND	ND	2.43	2.06
Chloroform	6	ug/l	ND	ND	ND	ND
cis-1,2-Dichloroethylene	70 *	ug/l	ND	ND	ND	ND
Ethylbenzene	700	ug/l	ND	ND	ND	ND
Methylene Chloride	3 *	ug/l	ND	ND	ND	ND
Methyl-tert-Butyl ether	NLE	ug/l	ND	ND	ND	ND
Tetrachloroethylene	1	ug/l	1.4	0.57	ND	ND
Toluene	1000	ug/l	ND	ND	ND	ND
Trichloroethylene	1	ug/l	ND	ND	ND	ND
Trichlorofluoromethane	2000 *	ug/l	ND	ND	ND	ND
Vinyl chloride	5	ug/l	ND	ND	ND	ND

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

Table 4-15
Groundwater Exceedance Summary
Site M-8
Fort Monmouth, New Jersey

Analyte	Criterion	Field ID	Round	Date Collected	Lab Sample ID	Result	Units
VOCs							
Benzene	**1**						
		M8MW16				**Maximum Result: 1.74**	ug/l
			#14	8/22/2003	3054108	1.74	ug/l
		M8MW24				**Maximum Result: 1.2**	ug/l
			#14	9/8/2003	3058004	1.08	ug/l
			#16	2/25/2004	4014201	1.2	ug/l
			#18	8/30/2004	4063716	1.16	ug/l
Tetrachloroethylene	**1**						
		697MW01				**Maximum Result: 1.4**	ug/l
			#14	8/22/2003	3054116	1.25	ug/l
			#15	12/30/2003	3083108	1.4	ug/l
		M8MW12				**Maximum Result: 9.51**	ug/l
			#11	12/13/2002	2088504	9.51	ug/l
			#12	3/21/2003	3013204	4.45	ug/l
			#13	5/30/2003	3025404	3.1	ug/l
Trichloroethylene	**1**						
		M8MW12				**Maximum Result: 3.7**	ug/l
			#16	3/9/2004	4015704	3.7	ug/l
Vinyl chloride	**5**						
		M8MW23				**Maximum Result: 13.71**	ug/l
			#17	6/28/2004	4049415	5.13	ug/l
			#18	8/30/2004	4063715	13.71	ug/l

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

Table 4-16

Surface Water Sampling Results

Surface Water

Fort Monmouth, New Jersey

Round			#28	#29	#30	#31	#32	#33	#34	#35
WELL ID			SS-5	SS-5	SS-5	SS-5	SS-5	SS-5	SS-5	SS-5
Date Collected			9/18/2002	11/4/2002	3/13/2003	5/21/2003	9/17/2003	11/4/2003	3/17/2004	8/26/2004
ANALYTE / Lab ID	Criterion	Units	2066622	2078014	3011818	3024715	3059216	3070016	4050016	4063216
VOCs										
Acetone	NLE	ug/L	ND	ND	ND	ND	ND	ND	0.66	1.51
Benzene	71	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	NLE	ug/l	NA	ND	ND	ND	ND	ND	ND	ND
Bromomethane (Methyl bromide)	NLE	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	NLE	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	21000	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	NLE	ug/l	NA	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	NLE	ug/l	NA	ND	0.81	ND	1.36	1.34	0.57	1.61
cis-1,2-Dichloroethylene	NLE	ug/L	ND	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	NLE	ug/l	NA	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	27900	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
m+p-Xylenes	NLE	ug/l	NA	ND	ND	ND	ND	1.2	ND	ND
Methyl tertiary butyl ether (MTBE)	NLE	ug/L	ND	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	1600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-tert-Butyl ether	NLE	ug/l	NA	ND	ND	ND	ND	556.49	ND	ND
o-Xylene	NLE	ug/l	NA	ND	ND	ND	ND	0.82	ND	ND
Tetrachloroethene (-ethylene)	.388	ug/L	ND	ND	3.08	3.54	1.23	ND	2.21	1.09
Toluene	200000	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	81	ug/L	ND	ND	0.71	ND	ND	ND	0.57	0.73
Vinyl chloride	525	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
Xylene	NLE	ug/L	ND	NA	NA	NA	NA	NA	NA	NA
Xylenes (Total)	NLE	ug/l	NA	ND	ND	ND	ND	2.02	ND	ND

Notes: VOCs = volatile organic compound; MDL = Method Detection Limit
ND = Not Detected; ug/L =micrograms per liter, equivalent to parts per billoion (ppb); NA = Not Analyzed/Not Applicable;
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion;

Criterion = SWQC: NJDEP Surface Water Quality Criteria per N.J.A.C. 7:9B.

Table 4-17

Surface Water Sampling Results

Surface Water

Fort Monmouth, New Jersey

Round			#28	#29	#30	#31	#32	#33	#34	#35
WELL ID			SS-7	SS-7	SS-7	SS-7	SS-7	SS-7	SS-7	SS-7
Date Collected			9/18/2002	11/4/2002	3/13/2003	5/21/2003	9/17/2003	11/4/2003	3/17/2004	8/26/2004
ANALYTE / Lab ID	Criterion	Units	2066612	2078010	3011815	3024717	3059213	3070013	4050013	4063213
VOCs										
Acetone	NLE	ug/L	ND	ND	ND	ND	ND	ND	0.58	1.88
Benzene	71	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	NLE	ug/l	NA	ND	ND	ND	ND	ND	ND	ND
Bromomethane (Methyl bromide)	NLE	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	NLE	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	21000	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	NLE	ug/l	NA	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	NLE	ug/l	NA	ND	ND	ND	1.17	0.83	ND	0.56
cis-1,2-Dichloroethylene	NLE	ug/L	ND	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	NLE	ug/l	NA	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	27900	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
m+p-Xylenes	NLE	ug/l	NA	ND	ND	ND	ND	2.82	ND	ND
Methyl tertiary butyl ether (MTBE)	NLE	ug/L	ND	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	1600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-tert-Butyl ether	NLE	ug/l	NA	ND	ND	ND	ND	347.04	ND	ND
o-Xylene	NLE	ug/l	NA	ND	ND	ND	ND	1.42	ND	ND
Tetrachloroethene (-ethylene)	.388	ug/L	ND	ND	1.61	2.67	1.08	1.04	0.85	ND
Toluene	200000	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	81	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	525	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
Xylene	NLE	ug/L	ND	NA	NA	NA	NA	NA	NA	NA
Xylenes (Total)	NLE	ug/l	NA	ND	ND	ND	ND	4.24	ND	ND

Notes: VOCs = volatile organic compound; MDL = Method Detection Limit
ND = Not Detected; ug/L =micrograms per liter, equivalent to parts per billoion (ppb); NA = Not Analyzed/Not Applicable;
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion;

Criterion = SWQC: NJDEP Surface Water Quality Criteria per N.J.A.C. 7:9B.

Table 4-18

Surface Water Sampling Results

Surface Water

Fort Monmouth, New Jersey

Round			#28	#29	#30	#31	#32	#33	#34	#35
WELL ID			SS-14	SS-14	SS-14	SS-14	SS-14	SS-14	SS-14	SS-14
Date Collected			9/18/2002	11/5/2002	3/24/2003	5/21/2003	9/17/2003	11/4/2003	3/17/2004	8/26/2004
ANALYTE / Lab ID	Criterion	Units	2066604	2078712	3013410	3024720	3059225	3070025	4050025	4063225
VOCs										
Acetone	NLE	ug/L	ND	ND	ND	ND	ND	ND	0.98	ND
Benzene	71	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	NLE	ug/l	NA	ND	ND	ND	ND	ND	ND	ND
Bromomethane (Methyl bromide)	NLE	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	NLE	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	21000	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	NLE	ug/l	NA	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	NLE	ug/l	NA	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	NLE	ug/L	ND	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	NLE	ug/l	NA	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	27900	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
m+p-Xylenes	NLE	ug/l	NA	ND	ND	ND	ND	ND	ND	ND
Methyl tertiary butyl ether (MTBE)	NLE	ug/L	ND	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	1600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-tert-Butyl ether	NLE	ug/l	NA	ND	ND	ND	ND	ND	ND	ND
o-Xylene	NLE	ug/l	NA	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene (-ethylene)	.388	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	200000	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	81	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	525	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
Xylene	NLE	ug/L	ND	NA	NA	NA	NA	NA	NA	NA
Xylenes (Total)	NLE	ug/l	NA	ND	ND	ND	ND	ND	ND	ND

Notes: VOCs = volatile organic compound; MDL = Method Detection Limit
ND = Not Detected; ug/L =micrograms per liter, equivalent to parts per billoion (ppb); NA = Not Analyzed/Not Applicable;
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion;

Criterion = SWQC: NJDEP Surface Water Quality Criteria per N.J.A.C. 7:9B.

Table 4-19

Surface Water Sampling Results

Surface Water

Fort Monmouth, New Jersey

Round			#28	#29	#30	#31	#32	#33	#34	#35
WELL ID			SS-15	SS-15	SS-15	SS-15	SS-15	SS-15	SS-15	SS-15
Date Collected			9/18/2002	11/5/2002	3/24/2003	5/21/2003	9/17/2003	11/4/2003	3/17/2004	8/26/2004
ANALYTE / Lab ID	Criterion	Units	2066607	2078707	3013404	3024712	3059220	3070020	4050020	4063220
VOCs										
Acetone	NLE	ug/L	ND	ND	ND	ND	ND	ND	0.69	2.15
Benzene	71	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	NLE	ug/l	NA	ND	ND	ND	ND	ND	ND	ND
Bromomethane (Methyl bromide)	NLE	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	NLE	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	21000	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	NLE	ug/l	NA	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	NLE	ug/l	NA	ND	1.44	1.89	1.64	1.71	0.55	1.78
cis-1,2-Dichloroethylene	NLE	ug/L	2.39	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	NLE	ug/l	NA	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	27900	ug/L	ND	ND	ND	ND	ND	0.69	ND	ND
m+p-Xylenes	NLE	ug/l	NA	ND	ND	ND	ND	4.03	ND	ND
Methyl tertiary butyl ether (MTBE)	NLE	ug/L	ND	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	1600	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-tert-Butyl ether	NLE	ug/l	NA	ND	ND	ND	ND	535.08	ND	ND
o-Xylene	NLE	ug/l	NA	ND	ND	ND	ND	2.24	ND	ND
Tetrachloroethene (-ethylene)	.388	ug/L	2.55	1.52	3.96	3.84	1.6	1.49	2.26	1.25
Toluene	200000	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	81	ug/L	ND	ND	1.11	ND	ND	0.53	0.55	0.78
Vinyl chloride	525	ug/L	ND	ND	ND	ND	ND	ND	ND	ND
Xylene	NLE	ug/L	ND	NA	NA	NA	NA	NA	NA	NA
Xylenes (Total)	NLE	ug/l	NA	ND	ND	ND	ND	6.27	ND	ND

Notes: VOCs = volatile organic compound; MDL = Method Detection Limit
ND = Not Detected; ug/L =micrograms per liter, equivalent to parts per billoion (ppb); NA = Not Analyzed/Not Applicable;
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion;

Criterion = SWQC: NJDEP Surface Water Quality Criteria per N.J.A.C. 7:9B.

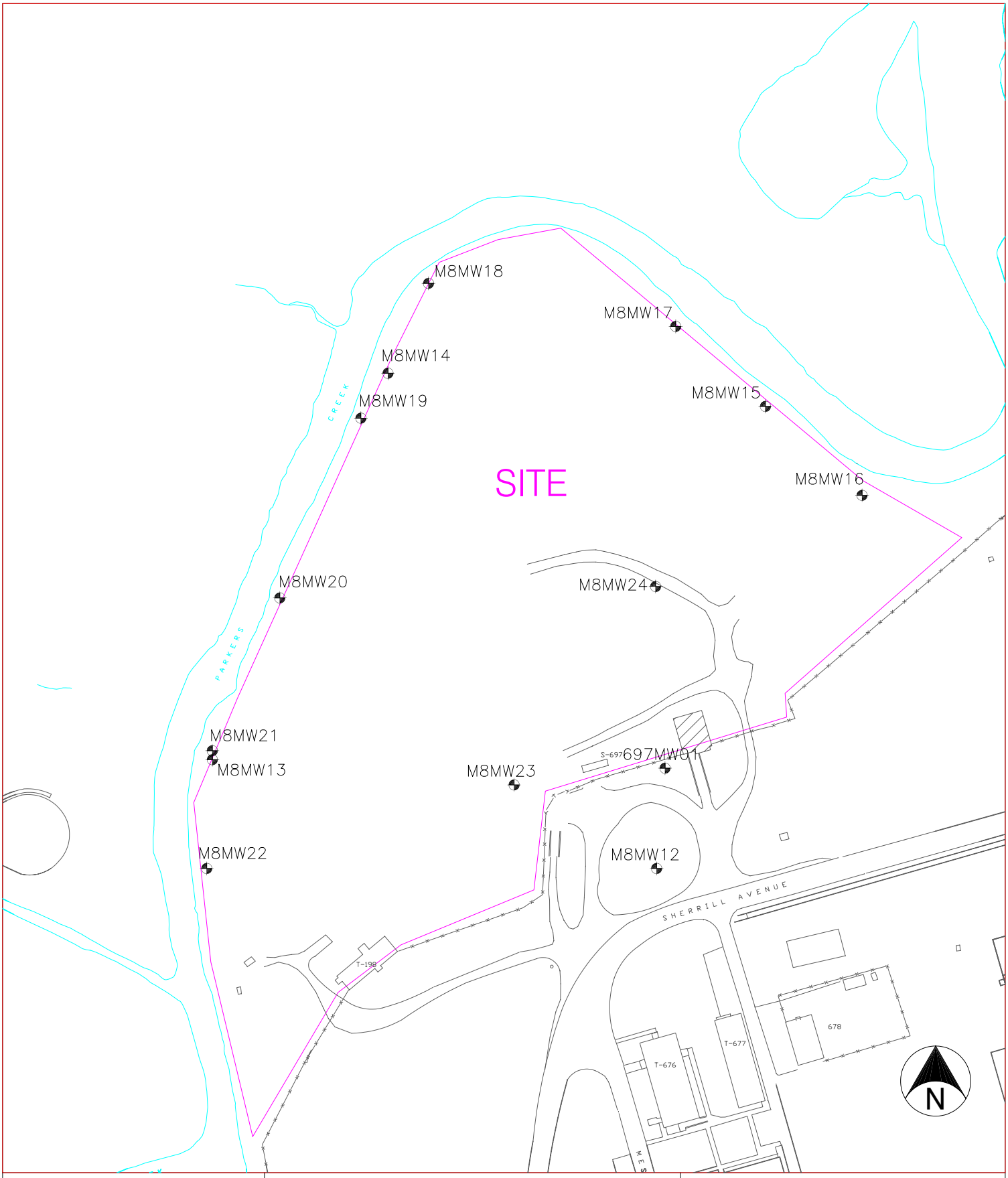
Table 4-20
Surface Water Exceedance Summary
Site Surface Water
Fort Monmouth, New Jersey

Analyte	Criterion	Field ID	Round	Date Collected	Lab Sample ID	Result	Units
VOCs							
Tetrachloroethene (-ethylene)	**.388**						
		SS-15				**Maximum Result: 3.96**	ug/L
			#28	9/18/2002	2066607	2.55	ug/L
			#29	11/5/2002	2078707	1.52	ug/l
			#30	3/24/2003	3013404	3.96	ug/l
			#31	5/21/2003	3024712	3.84	ug/l
			#32	9/17/2003	3059220	1.6	ug/l
			#33	11/4/2003	3070020	1.49	ug/l
			#34	3/17/2004	4050020	2.26	ug/l
			#35	8/26/2004	4063220	1.25	ug/l
		SS-5				**Maximum Result: 3.54**	ug/l
			#30	3/13/2003	3011818	3.08	ug/l
			#31	5/21/2003	3024715	3.54	ug/l
			#32	9/17/2003	3059216	1.23	ug/l
			#34	3/17/2004	4050016	2.21	ug/l
			#35	8/26/2004	4063216	1.09	ug/l
		SS-7				**Maximum Result: 2.67**	ug/l
			#30	3/13/2003	3011815	1.61	ug/l
			#31	5/21/2003	3024717	2.67	ug/l
			#32	9/17/2003	3059213	1.08	ug/l
			#33	11/4/2003	3070013	1.04	ug/l
			#34	3/17/2004	4050013	0.85	ug/l

Notes: VOCs = volatile organic compounds; MDL = Method Detection Limit;
ND = Not Detected; ug/L = micrograms per liter, equivalent to parts per billion (ppb); NA = Not Analyzed/Not Applicable;
Criterion = SWQC: NJDEP Surface Water Quality Criteria per N.J.A.C. 7:9B
Shaded block identifies sample and associated constituent concentration that exceeds the criterion. * = Interim Criterion.

FIGURES

THIS
PAGE
INTENTIONALLY
REMOVED

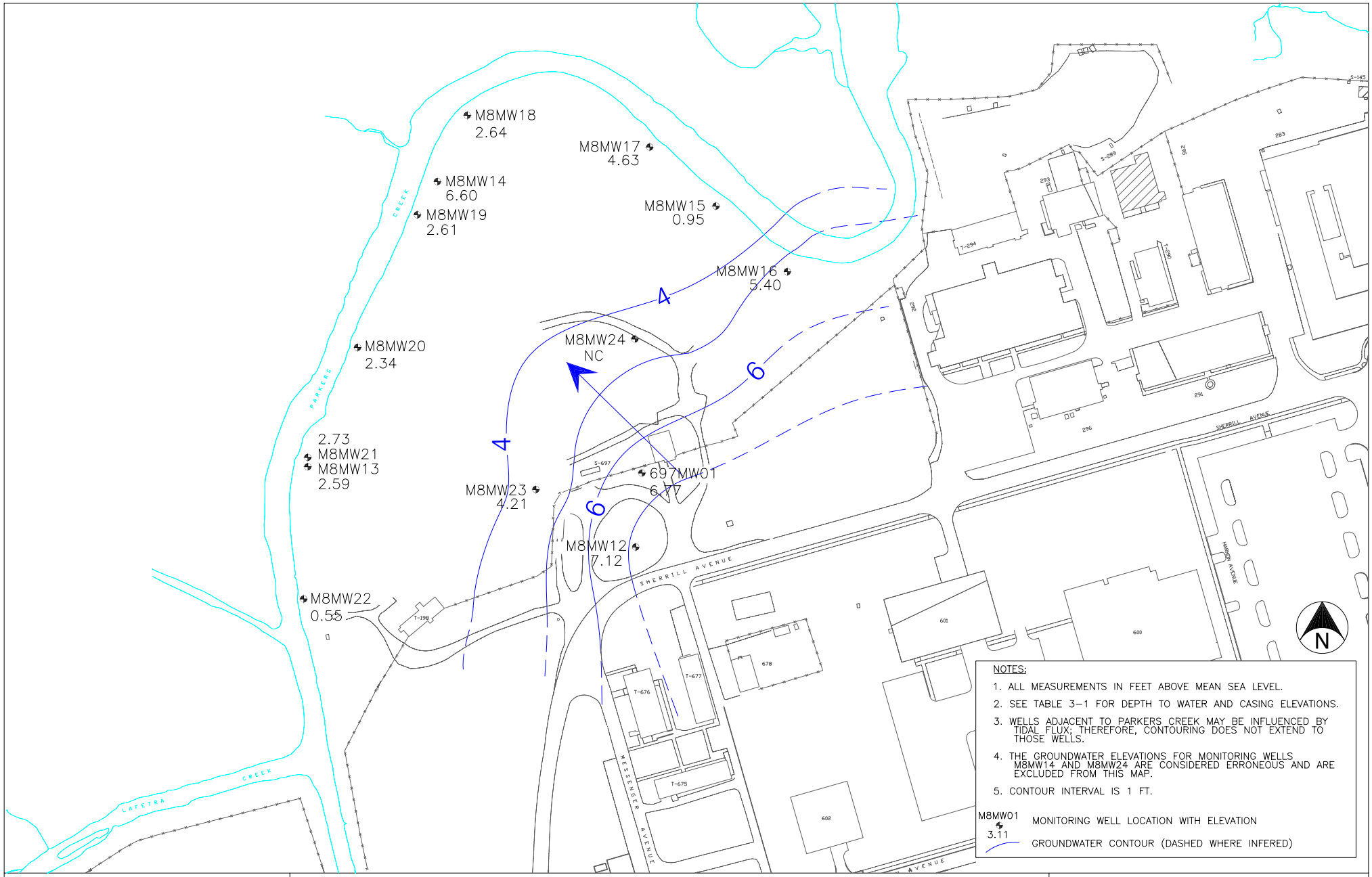


Versar INC.
ARCHITECTURE • ENGINEERING • CONSTRUCTION
201 GIBRALTAR ROAD, SUITE 100, HORSHAM, PA 19044
TEL: 215.957.0955 FAX: 215.957.0497

FIGURE 2-2
SITE MAP

M-8 LANDFILL SITE
FORT MONMOUTH, NEW JERSEY

CLIENT NO.: 110571.0571.308	
DRAWING REF. NO.: 202	
SCALE 1:100	DATE: 17-APR-03
REVISION 0	SKETCH NO. B-2

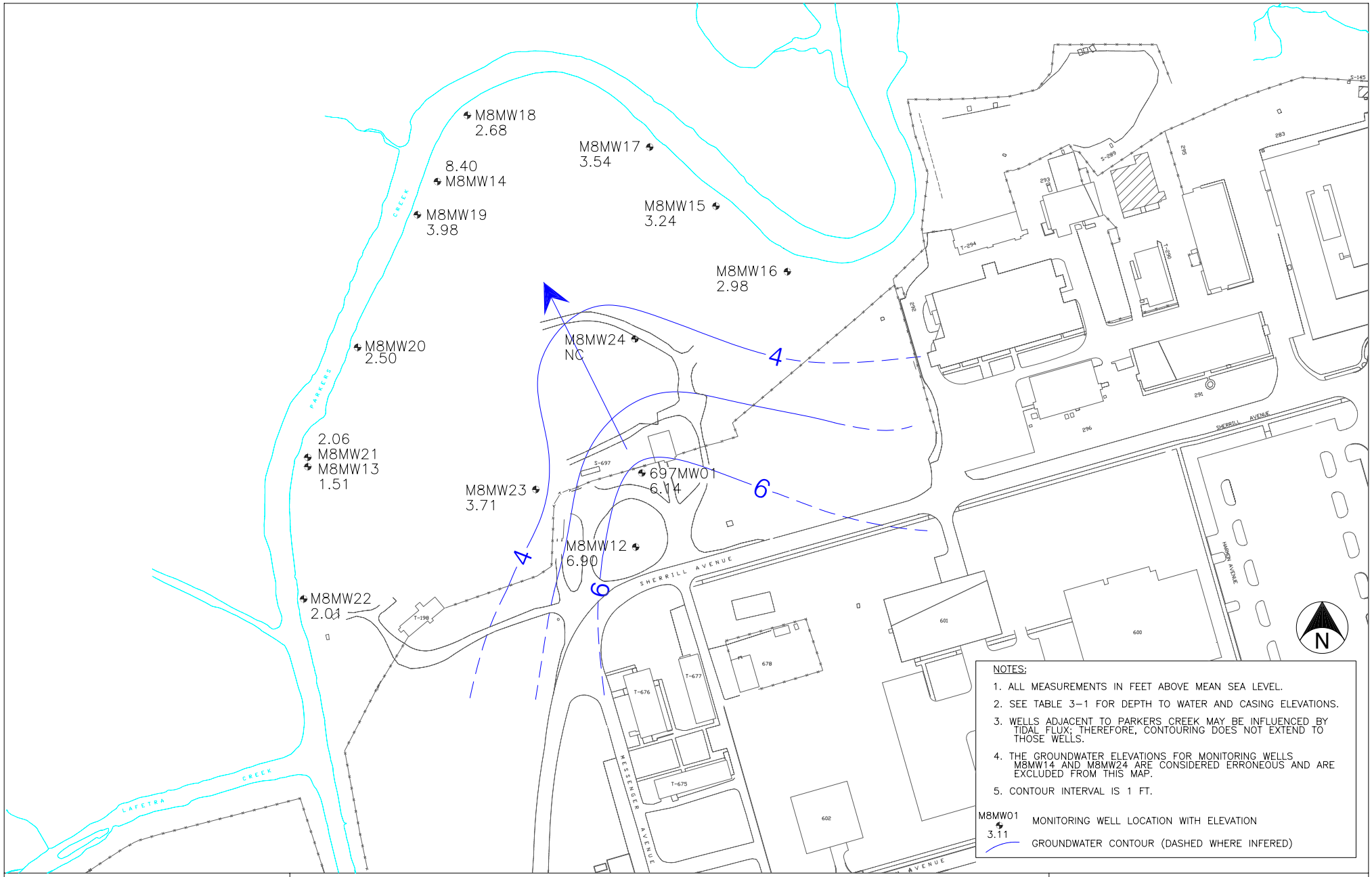


Versar INC.
4700 S. Mc CLINTOCK DR., STE. 150
TEMPE, ARIZONA 85282
• TELEPHONE (480)838-5352
• FAX (480)838-6990

FIGURE 3-1
GROUNDWATER CONTOUR MAP (13-DEC-02)

M-8 LANDFILL SITE
FORT MONMOUTH, NEW JERSEY

CLIENT NO.:	110571.0571.431
DRAWING REF. NO.:	410
SCALE: 1:200	DATE: 29-JUN-05
REVISION 0	SKETCH NO. C-1



NOTES:

1. ALL MEASUREMENTS IN FEET ABOVE MEAN SEA LEVEL.
2. SEE TABLE 3-1 FOR DEPTH TO WATER AND CASING ELEVATIONS.
3. WELLS ADJACENT TO PARKERS CREEK MAY BE INFLUENCED BY TIDAL FLUX; THEREFORE, CONTOURING DOES NOT EXTEND TO THOSE WELLS.
4. THE GROUNDWATER ELEVATIONS FOR MONITORING WELLS M8MW14 AND M8MW24 ARE CONSIDERED ERRONEOUS AND ARE EXCLUDED FROM THIS MAP.
5. CONTOUR INTERVAL IS 1 FT.

M8MW01 3.11 — MONITORING WELL LOCATION WITH ELEVATION

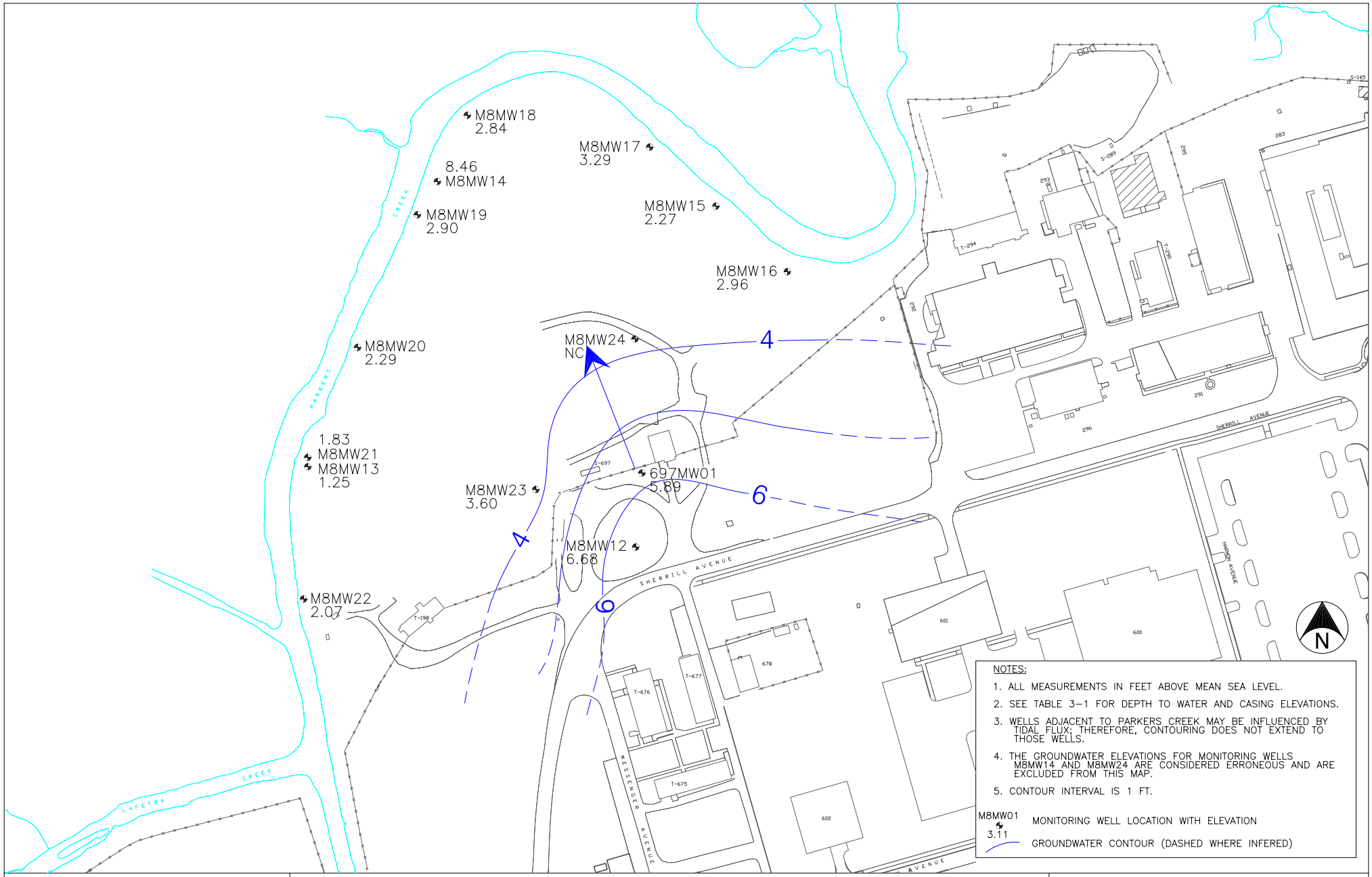
GROUNDWATER CONTOUR (DASHED WHERE INFERED)

Versar INC.
4700 S. Mc CLINTOCK DR., STE. 150
TEMPE, ARIZONA 85282
• TELEPHONE (480)838-5352
• FAX (480)838-6990

FIGURE 3-2
GROUNDWATER CONTOUR MAP (21-MAR-03)

M-8 LANDFILL SITE
FORT MONMOUTH, NEW JERSEY

CLIENT NO.:	110571.0571.431
DRAWING REF. NO.:	410
SCALE: 1:200	DATE: 6-JUL-05
REVISION 0	SKETCH NO. C-2

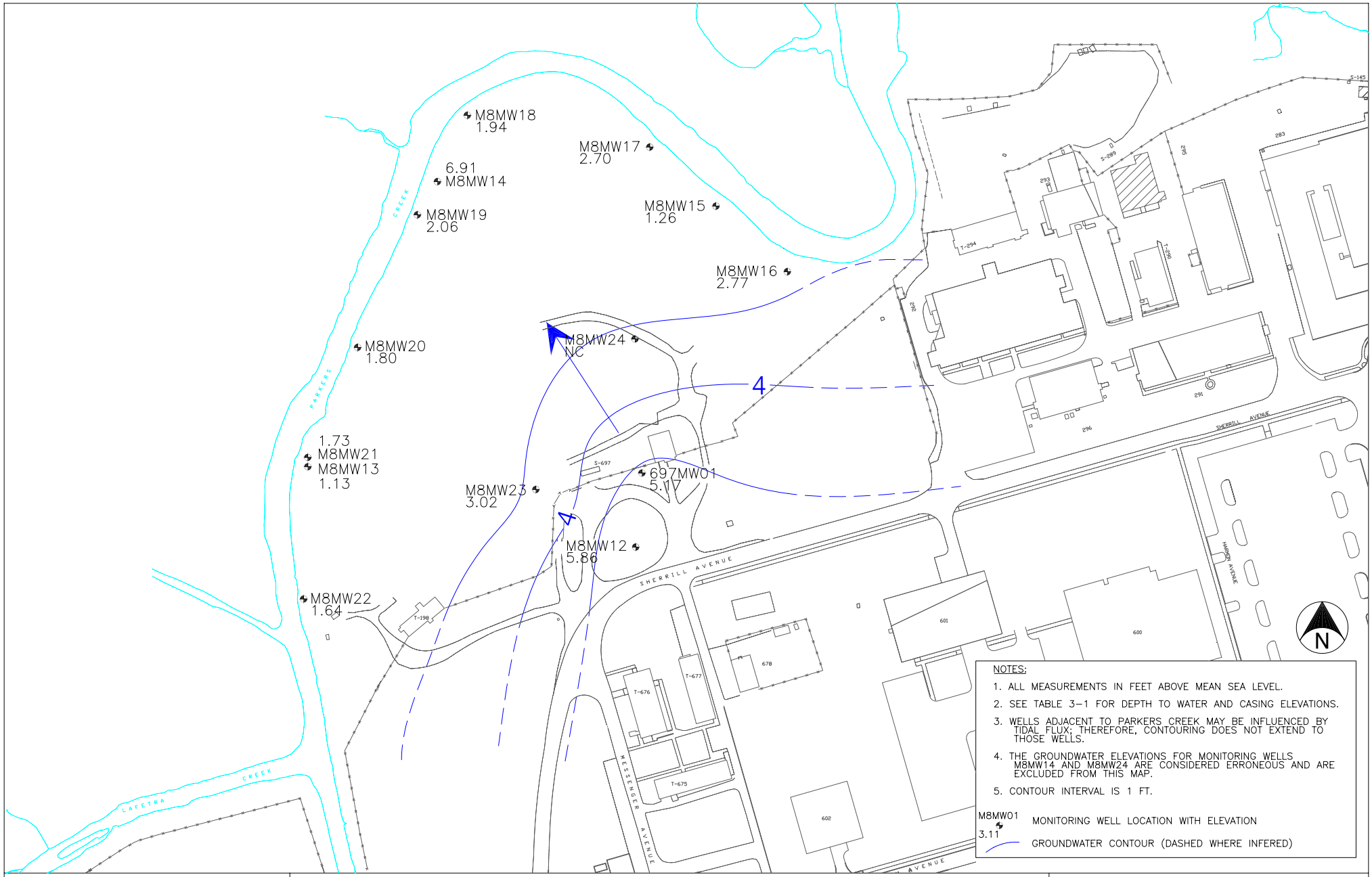


Versar INC.
4700 S. Mc CLINTOCK DR., STE. 150
TEMPE, ARIZONA 85282
• TELEPHONE (480)838-5352
• FAX (480)838-6990

FIGURE 3-3
GROUNDWATER CONTOUR MAP (30-MAY-03)

M-8 LANDFILL SITE
FORT MONMOUTH, NEW JERSEY

CLIENT NO.:	110571.0571.431
DRAWING REF. NO.:	410
SCALE: 1:200	DATE: 6-JUL-05
REVISION 0	SKETCH NO. C-3

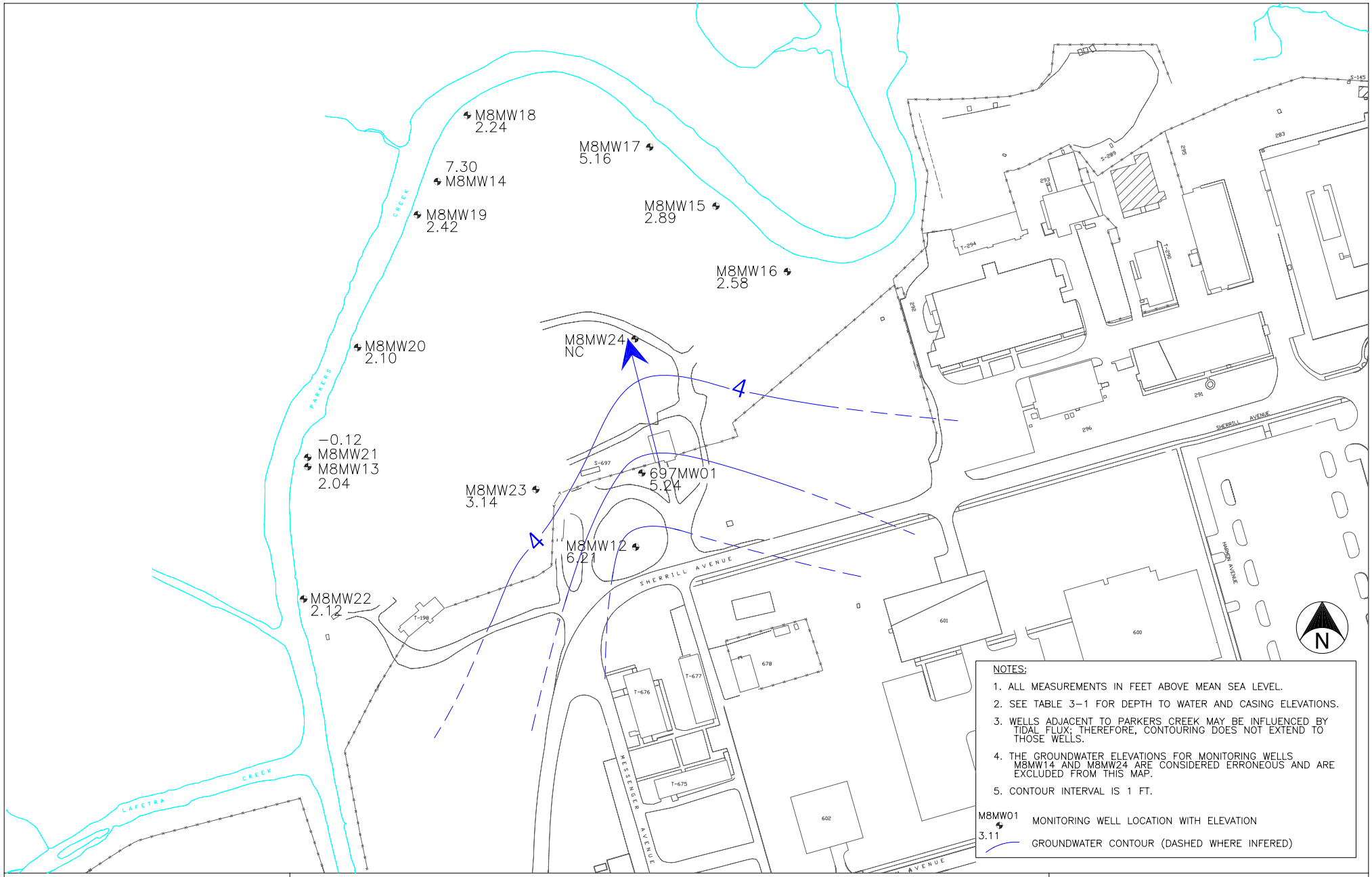


Versar INC.
4700 S. Mc CLINTOCK DR., STE. 150
TEMPE, ARIZONA 85282
• TELEPHONE (480)838-5352
• FAX (480)838-6990

FIGURE 3-4
GROUNDWATER CONTOUR MAP (22-AUG-03)

M-8 LANDFILL SITE
FORT MONMOUTH, NEW JERSEY

CLIENT NO.:	110571.0571.431
DRAWING REF. NO.:	410
SCALE: 1:200	DATE: 6-JUL-05
REVISION 0	SKETCH NO. C-4

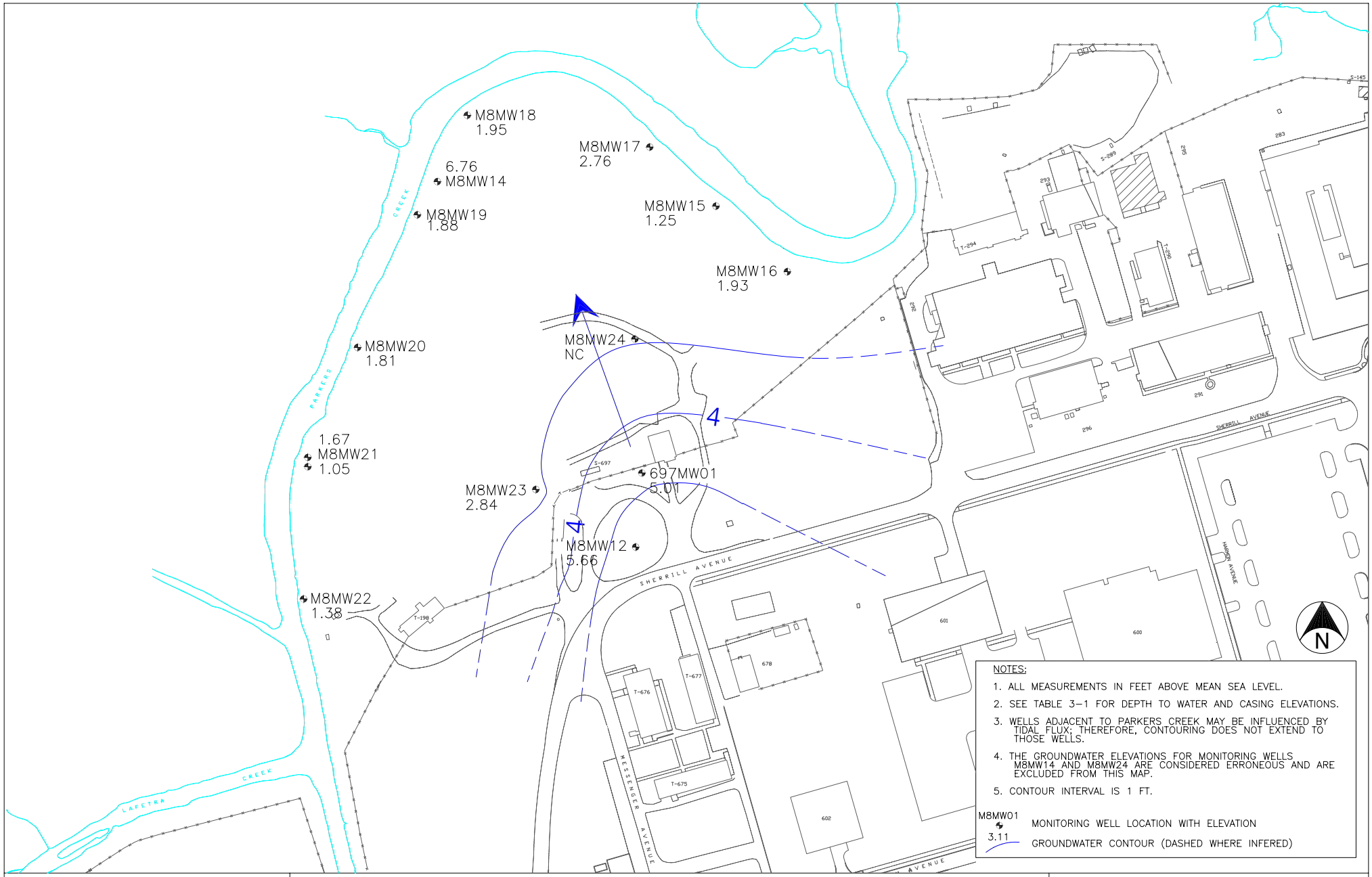


Versar INC.
4700 S. Mc CLINTOCK DR., STE. 150
TEMPE, ARIZONA 85282
• TELEPHONE (480)838-5352
• FAX (480)838-6990

FIGURE 3-5
GROUNDWATER CONTOUR MAP (05-MAR-04)

M-8 LANDFILL SITE
FORT MONMOUTH, NEW JERSEY

CLIENT NO.:	110571.0571.431
DRAWING REF. NO.:	410
SCALE: 1:200	DATE: 6-JUL-05
REVISION 0	SKETCH NO. C-5

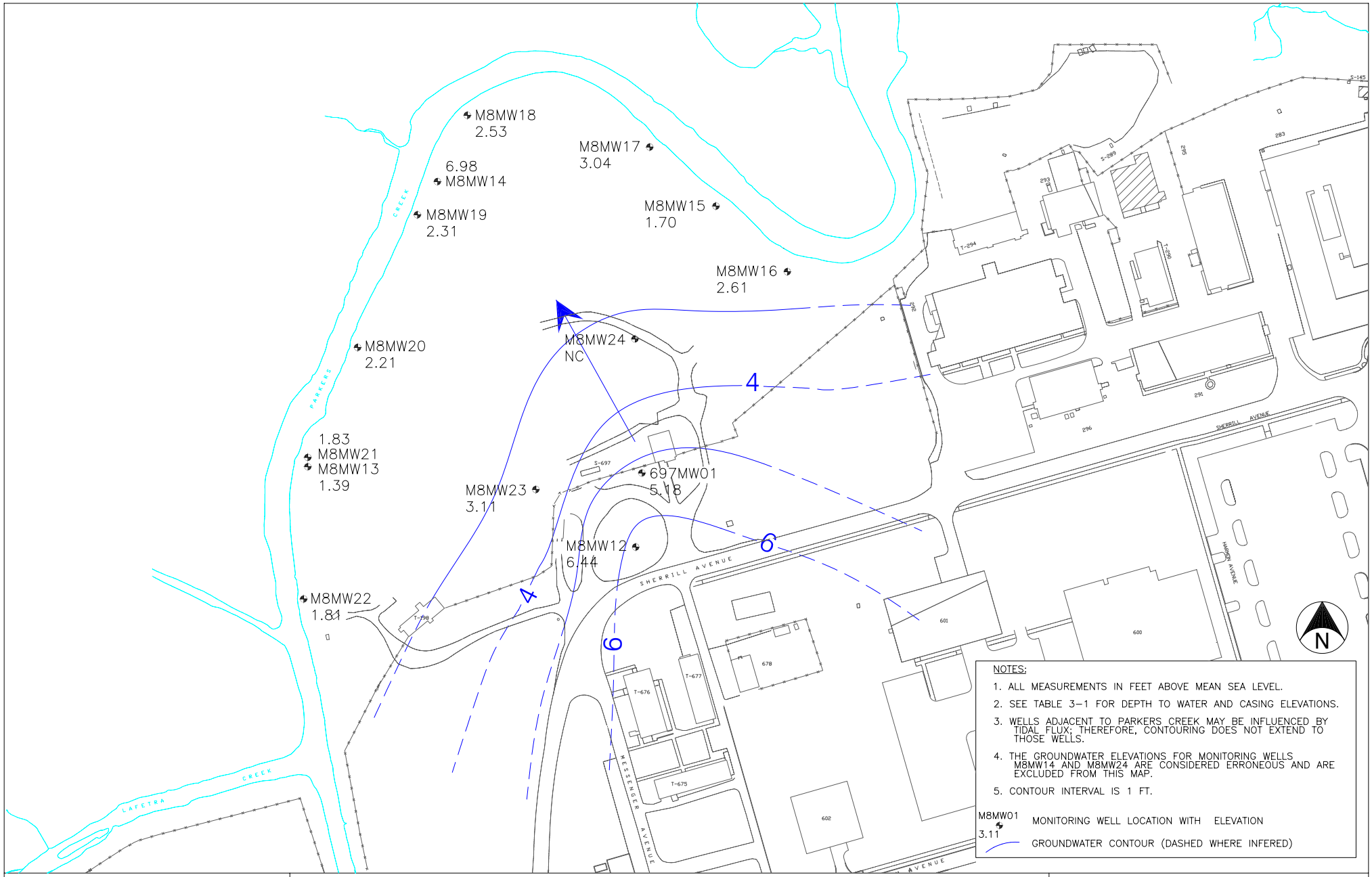


Versar INC.
4700 S. Mc CLINTOCK DR., STE. 150
TEMPE, ARIZONA 85282
• TELEPHONE (480)838-5352
• FAX (480)838-6990

FIGURE 3-6
GROUNDWATER CONTOUR MAP (28-JUN-04)

M-8 LANDFILL SITE
FORT MONMOUTH, NEW JERSEY

CLIENT NO.:	110571.0571.431
DRAWING REF. NO.:	410
SCALE: 1:200	DATE: 29-JUN-05
REVISION 0	SKETCH NO. C-6



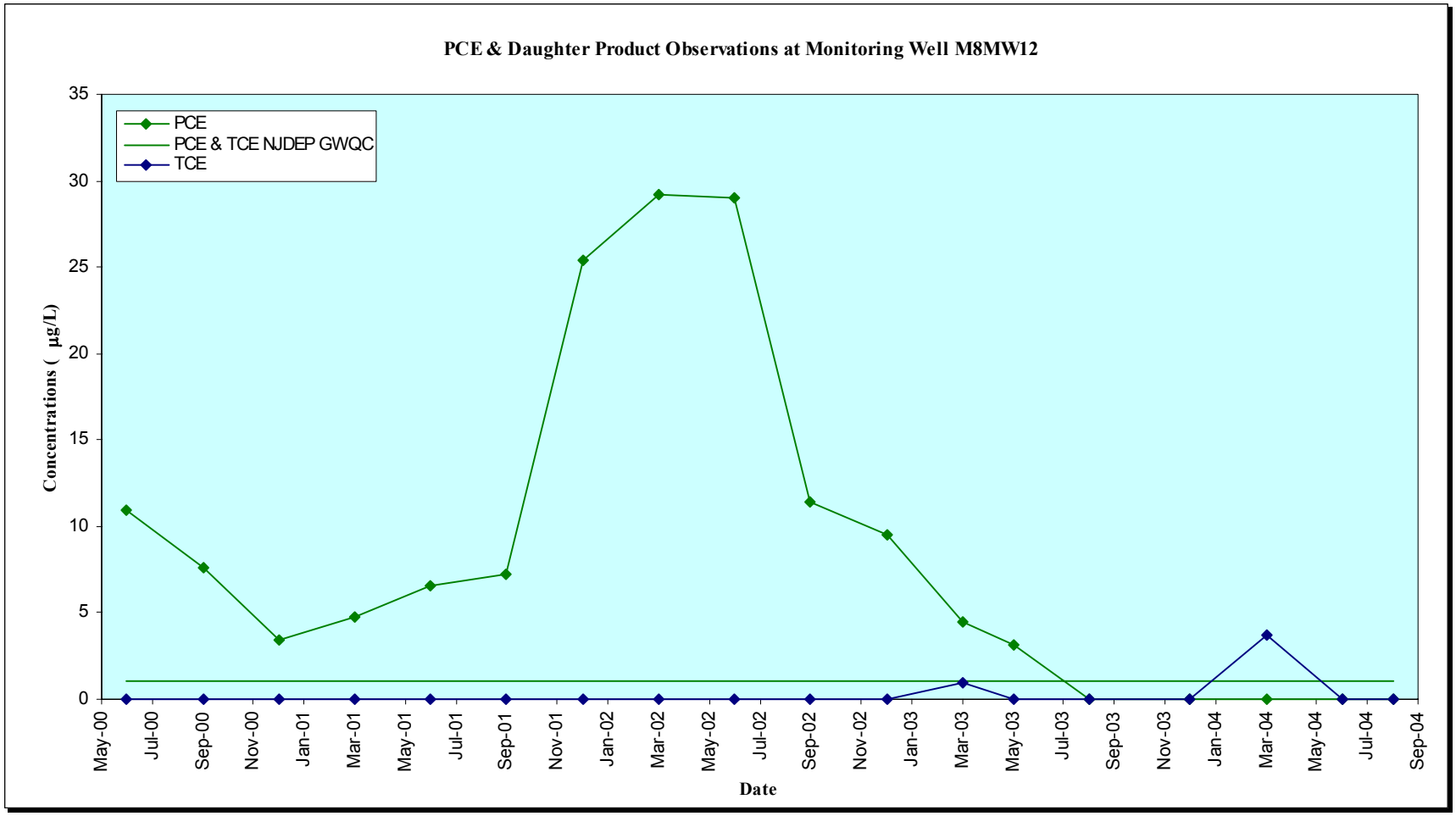
Versar INC.
4700 S. Mc CLINTOCK DR., STE. 150
TEMPE, ARIZONA 85282
• TELEPHONE (480)838-5352
• FAX (480)838-6990

FIGURE 3-7
GROUNDWATER CONTOUR MAP (30-AUG-04)

M-8 LANDFILL SITE
FORT MONMOUTH, NEW JERSEY

CLIENT NO.:	110571.0571.431
DRAWING REF. NO.:	410
SCALE: 1:200	DATE: 29-JUN-05
REVISION 0	SKETCH NO. C-7

THIS
PAGE
INTENTIONALLY
REMOVED

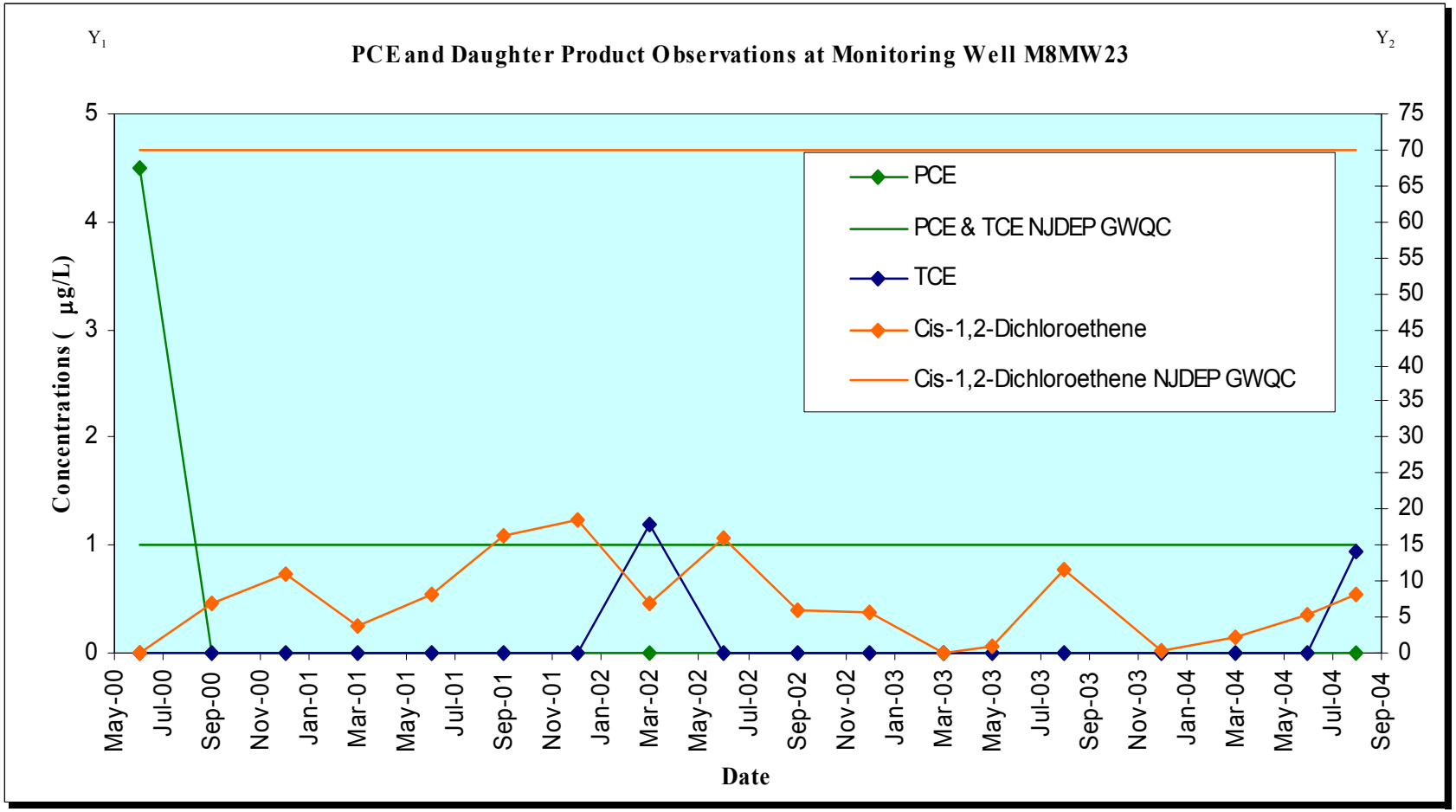


Notes:
1) Concentration is shown in micrograms per liter (ug/L), equivalent to parts per billion.
2) Observed PCE concentrations at well M8MW12 are shown starting in June 2000.
3) For graphing purposes, the concentrations which were observed as non-detected (ND) are shown as zero (0) concentration.

FIGURE 4-2

PCE & Daughter Product Observations at Well M8MW12
M-8 Landfill Site
Fort Monmouth, New Jersey

Versar INC.
201 Gibraltar Road, Suite 100
Horsham, PA 19044-2314
(215) 957-0955

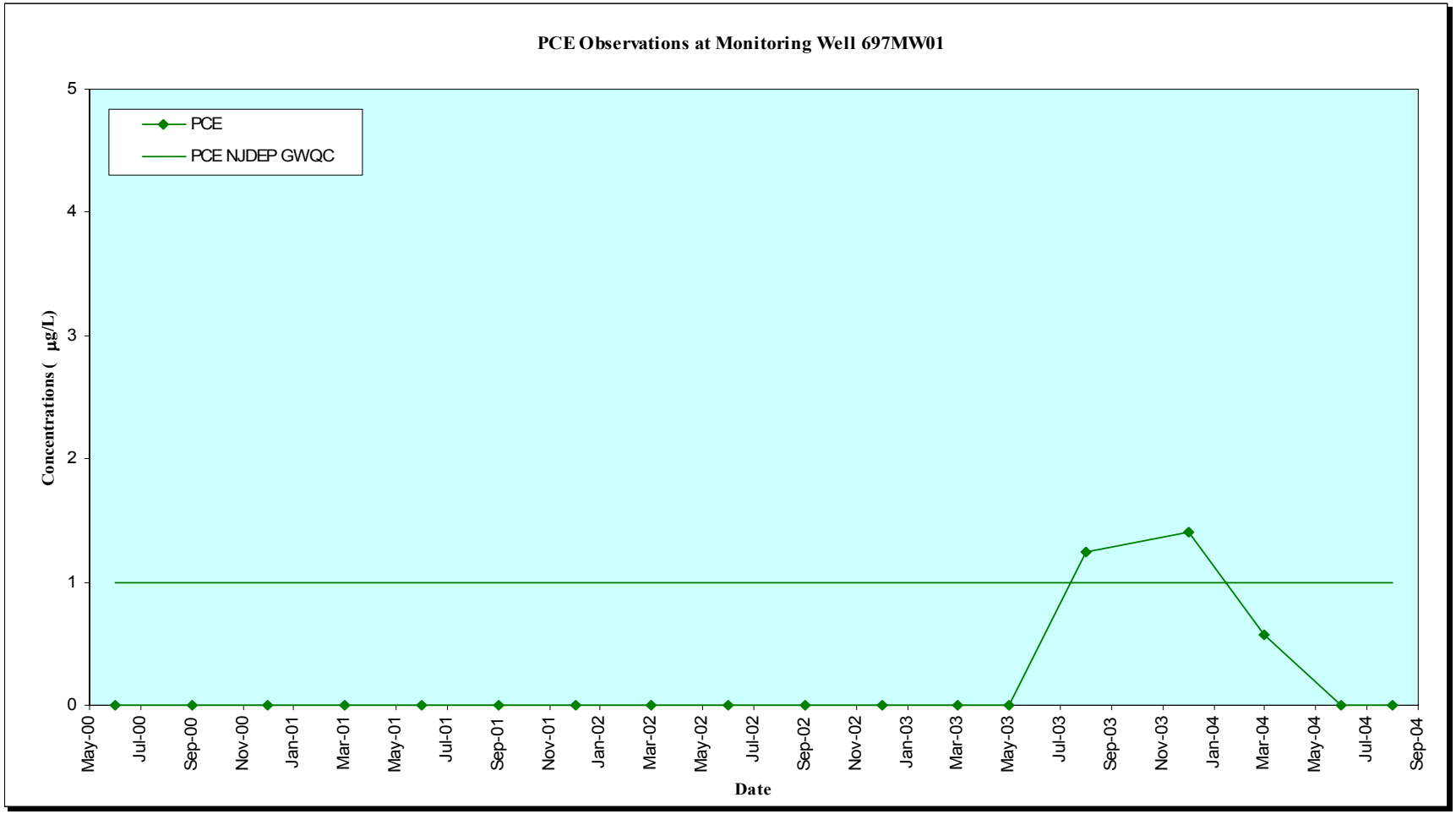


Notes:
1) Concentration is shown in micrograms per liter (ug/L), equivalent to parts per billion.
2) Observed PCE concentrations at well M8MW23 are shown starting in June 2000.
3) PCE and Trichloroethene are graphed using the Y_1 axis. Cis-1,2-Dichloroethene is graphed using the Y_2 axis.
4) For graphing purposes, the concentrations which were observed as non-detected (ND) are shown as zero (0) concentration.

FIGURE 4-3

PCE & Daughter Product Observations at Well M8MW23
M-8 Landfill Site
Fort Monmouth, New Jersey

Versar INC.
201 Gibraltar Road, Suite 100
Horsham, PA 19044-2314
(215) 957-0955

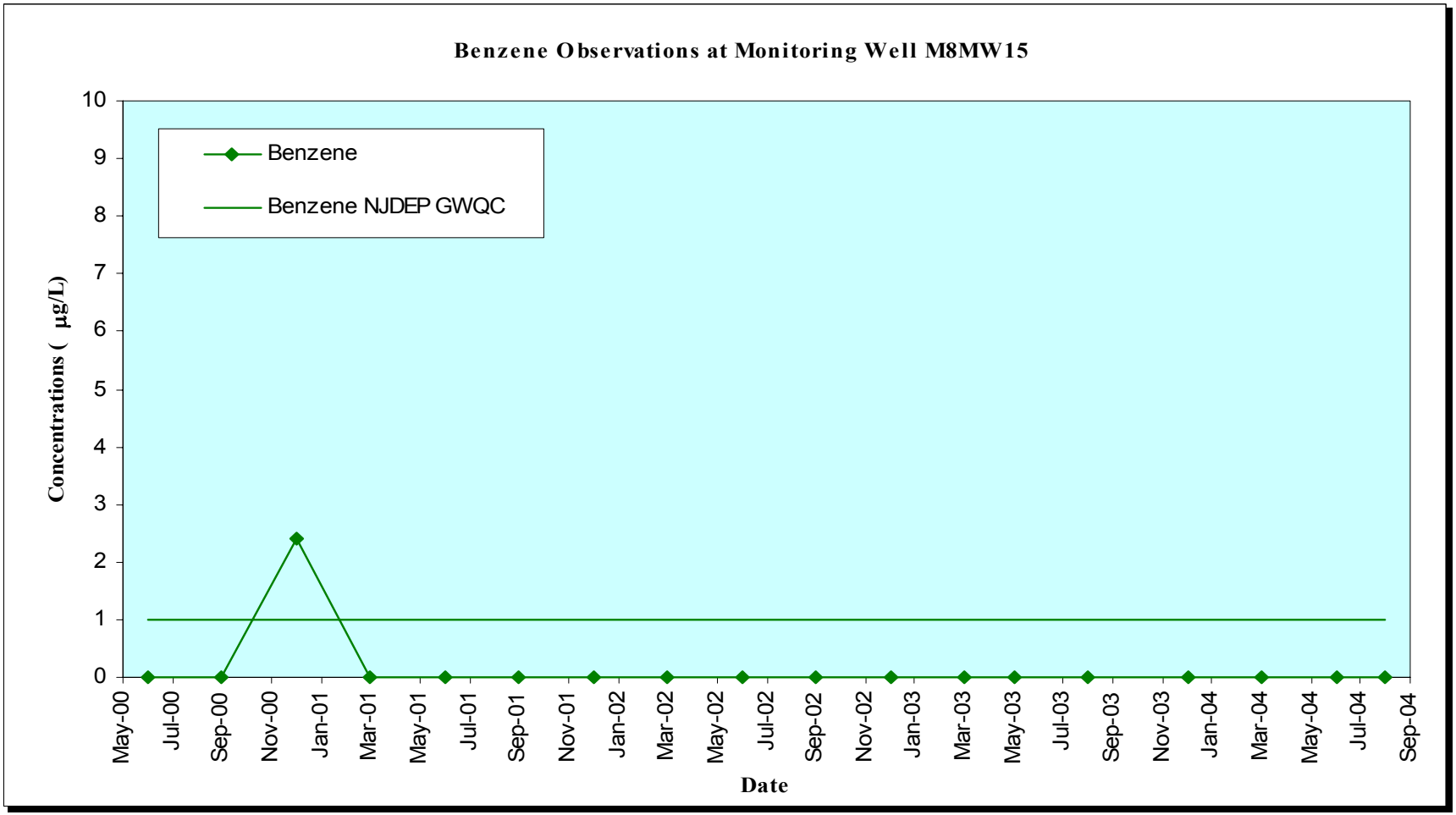


Notes:
1) Concentration is shown in micrograms per liter (ug/L), equivalent to parts per billion.
2) Observed PCE concentrations at well 697MW01are shown starting in June 2000.
3) No daughter products were observed in this well.
4) For graphing purposes, the concentrations which were observed as non-detected (ND) are shown as zero (0) concentration.

FIGURE 4-4

PCE Observations at Well 697MW01
M-8 Landfill Site
Fort Monmouth, New Jersey

Versar INC.
201 Gibraltar Road, Suite 100
Horsham, PA 19044-2314
(215) 957-0955

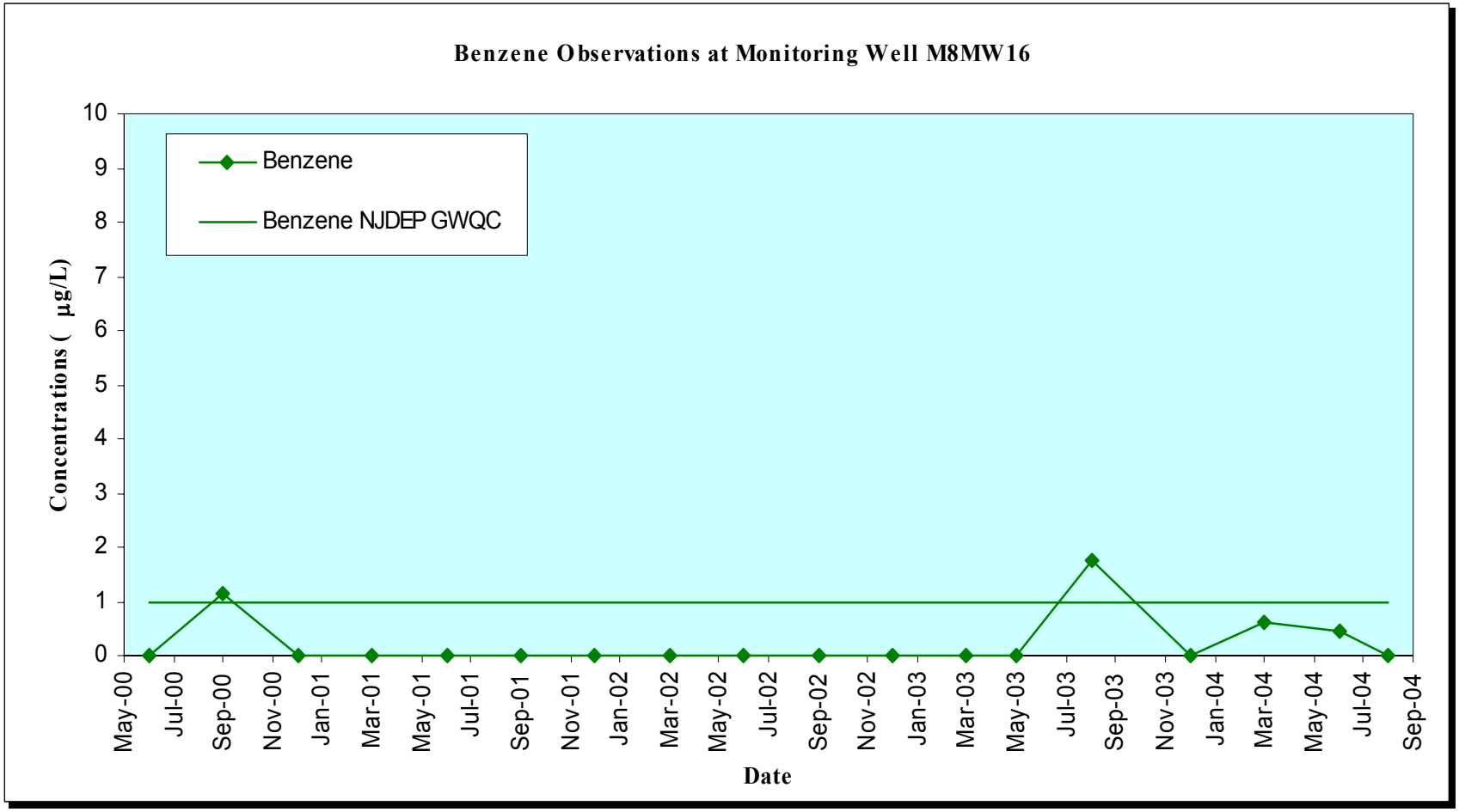


Notes:
1) Concentration is shown in micrograms per liter (ug/L), equivalent to parts per billion.
2) Observed Benzene concentrations at well M8MW15 are shown starting in June 2000.
3) For graphing purposes, the concentrations which were observed as non-detected (ND) are shown as zero (0) concentration.

FIGURE 4-5

Benzene Observations at Well M8MW15
M-8 Landfill Site
Fort Monmouth, New Jersey

Versar INC.
201 Gibraltar Road, Suite 100
Horsham, PA 19044-2314
(215) 957-0955

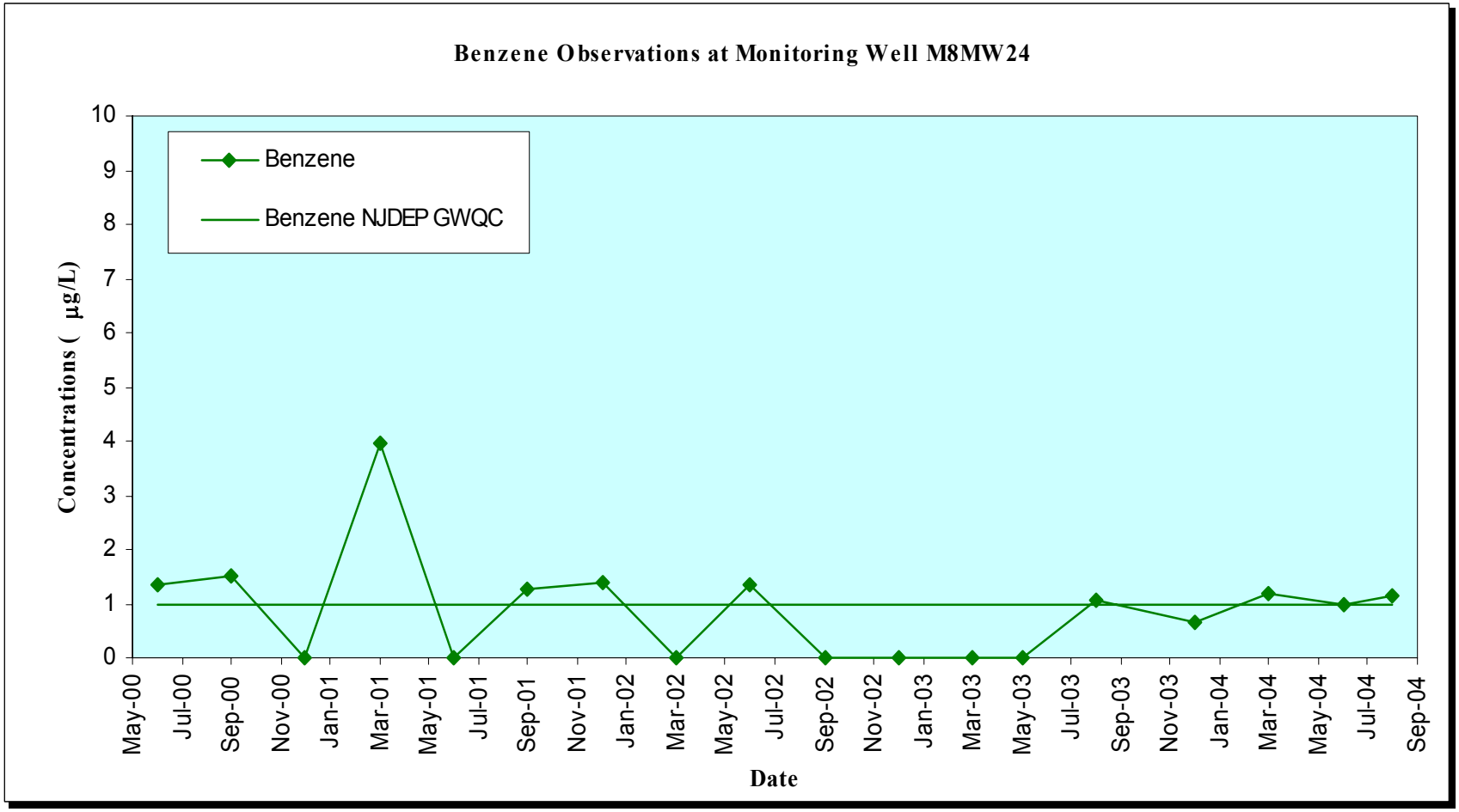


Notes:
1) Concentration is shown in micrograms per liter (ug/L), equivalent to parts per billion.
2) Observed Benzene concentrations at well M8MW16 are shown starting in June 2000.
3) For graphing purposes, the concentrations which were observed as non-detected (ND) are shown as zero (0) concentration.

FIGURE 4-6

Benzene Observations at Well M8MW16
M-8 Landfill Site
Fort Monmouth, New Jersey

Versar INC.
201 Gibraltar Road, Suite 100
Horsham, PA 19044-2314
(215) 957-0955



Notes:
1) Concentration is shown in micrograms per liter (ug/L), equivalent to parts per billion.
2) Observed Benzene concentrations at well M8MW24 are shown starting in June 2000.
3) For graphing purposes, the concentrations which were observed as non-detected (ND) are shown as zero (0) concentration.

FIGURE 4-7

Benzene Observations at Well M8MW24
M-8 Landfill Site
Fort Monmouth, New Jersey

Versar INC.
201 Gibraltar Road, Suite 100
Horsham, PA 19044-2314
(215) 957-0955

APPENDICES

Appendix A

BCM Engineers, September 2000. *Remedial Action Work Plan – Landfill M-8, Main Post, Fort Monmouth, New Jersey.*

(A hardcopy of this report can be found at the Fort Monmouth DPW.)

Appendix B

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

4.2.7 Landfill 8 (M-8)

4.2.7.1 Site Location

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

4.2.7.2 Site History

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

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

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

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

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

4.2.7.3 Sampling Effort

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

4.2.7.4 Hydrogeologic Interpretation

Lithologic logs from downgradient wells MW-13, MW-14, and MW-15 indicate that the lithology consists of a thin soil cover (0.4 ft) underlain by fill material. The components of the filled materials observed in the borings consisted of large wood chip fragments, amber glass chips, and traces of wires. Natural sandy silt with trace amounts of clay were intermixed with the manmade

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

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

4.2.7.5 Groundwater Sampling Results

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

VOCs

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

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

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

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

SVOCs

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

Pesticides/PCBs

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

Metals

As indicated in Table 4.2-9, of the 19 metals detected in site groundwater, 4 metals (aluminum, iron, manganese, and sodium) were found in concentrations exceeding the NJDEP GWQC. However, aluminum was found in concentrations below those determined for site-specific and Monmouth County maximum background levels. Although iron was found in concentrations well below site-specific maximum background levels, iron was detected in concentrations in MW-13 and MW-14 above Monmouth County maximum background levels. The presence of iron in exceedance of the criteria may be attributable to the high concentrations found in site background soils and is not a compound of concern. Manganese in MW-13 and sodium in MW-14 and MW-15 were detected in concentrations greater than both established background levels (Figure 4.2-14). Elevated sodium concentrations may be the result of saline water intrusion into the groundwater. These wells are near the Parkers Creek estuary. Saltwater has invaded the estuary (see Subsection 4.2.7.6.1) and intruded the aquifer monitored by these wells. Sodium is not a compound of concern. As discussed in Subsection 4.1, groundwater flowing through glauconitic formations contains abundant manganese. In addition, manganese is a common metal found in tidally influenced environments. Therefore, manganese is not identified as a compound of concern.

Cyanide, Sulfate, and Ammonia

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

4.2.7.6 Tidal Monitoring

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

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

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

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

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

4.2.7.6.1 Conductivity and Salinity Results

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

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

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

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

4.2.7.7 Recommendations

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

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

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

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

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

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

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

Appendix C

Groundwater Monitoring Well Laboratory Analytical Data

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

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

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

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: M-8, Bldg. 697

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
2088504	00M8MW12	29-32560	12/13/02
2087609	00M8MW13	29-32561	12/13/02
2087610	00M8MW14	29-32562	12/10/02
2088505	00M8MW15	29-32563	12/10/02
2088506	00M8MW16	29-39146	12/13/02
2088507	00M8MW17	29-39147	12/13/02
2087608	00M8MW18	29-39148	12/10/02
2087607	00M8MW19	29-39149	12/10/02
2087606	00M8MW20	29-39150	12/10/02
2087605	00M8MW21	29-39151	12/10/02
2087604	00M8MW22	29-39152	12/10/02
2088508	0697MW01	29-31778	12/13/02
2087611	00M8MW23	29-40128	12/10/02
2088601	00M8MW24	29-41724	12/13/02

NJDEP Laboratory Certification # 13461

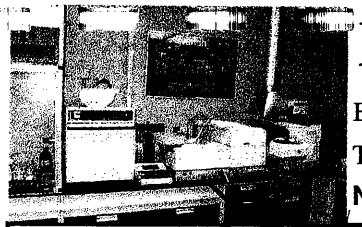
2-13-03

Daniel Wright/Date:
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608



Fort Monmouth Environmental Testing Laboratory

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

Chain of Custody Record

Customer: J. Fallon
Phone #: 732 6223
(X)DERA ( )OMA ( )Other:
Project No:
Location: M8 Wells
4th Qtr '02 Part II
Samplers Name / Company: Corey McCormack, TUS

Analysis Parameters: VOA 15 | TAL METALS | Pest / PCB | BNA +25 | | | | Hexavalent

Comments: HCL/HNO3/4°C

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA 15	TAL METALS	Pest / PCB	BNA +25				Hexavalent	Remarks / Preservation Method
20885 01	Trip	12/13/02	0740	AQ	2	✓							—	
02	Field Blank		0945		5	✓	✓	✓	✓				—	
03	Dupe		—		5	✓	✓	✓	✓				—	
04	M8 MW12		1426		5	✓	✓	✓	✓				0.0	29-32560
05	M8 MW15		1051		5	✓	✓	✓	✓				0.0	29-32563
06	M8 MW16		1003		5	✓	✓	✓	✓				0.0	29-39146
07	M8 MW17		0953		5	✓	✓	✓	✓				0.0	29-39147
08	697MW01 *		1130		5	✓	✓	✓	✓				0.0	29-31776

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	12/13/02 1435	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks: Tide: H→O
Shows T/FB10 w/ M8MW24LF CPM

print legibly

Page 1 of 1

Coc11/21/02

SAMPLE RECEIPT FORM

Date Received: 12-13-02 Work Order ID#: 20885

Site/Proj. Name: MSLA-GR02 Cooler Temp (°C): 3.0c

Received By: J. Vergara Sign: J. Vergara
(Print name)

Check the appropriate box

1. Did the samples come in a cooler? ☑ yes ☐ no ☐ n/a
2. Was the chain of custody filled out correctly and legibly? ☑ yes ☐ no
3. Was the chain of custody signed in the appropriate place? ☑ yes ☐ no
4. Did the labels agree with the chain of custody? ☑ yes ☐ no
5. Were the correct containers/preservatives used? ☑ yes ☐ no
6. Was a sufficient amount of sample supplied? ☑ yes ☐ no
7. Were air bubbles present in VOA vials? ☐ yes ☑ no ☐ n/a
8. Were samples received on ice? ☑ yes ☐ no

Fill out the following table for each sample bottle

Lims ID	pH	Preservative	Sample ID	pH	Preservative
20885/1-9	<2	HCL			
2-9	<2	HNO3			

Comments:

Fort Monmouth Environmental Testing Laboratory

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

NJDEP Certification #13461

Chain of Custody Record

Customer:

Phone #:

( )DERA ( )OMA ( )Other:_____

Project No:

Location: M8 wells

4th Qtr '02 PHI

Samplers Name / Company: Corey McCormack, TVS

Comments: HCL/HNO3/4°C

LIMS/Work Order #		Sample Location	Date	Time	Sample Type	# bottles	VOTHS	TAL MTLS	Pest/PCB	BNA TZS				Hnu Read	Remarks / Preservation Method
20876	01	Trip	12/10/02	0737	AQ	2	✓							—	
	02	Field Blank		0900		5	✓	✓	✓	✓				—	
	03	Dupe		—		5	✓	✓	✓	✓				—	
	04	M8mw 22		0918		5	✓	✓	✓	✓				0.0	29- 39152
	05	M8mw 21		0926			✓	✓	✓	✓				0.0	29- 39151
	06	M8mw 20		1005			✓	✓	✓	✓				0.0	29- 39150
	07	M8mw 19		1017			✓	✓	✓	✓				0.0	29- 39149
	08	M8mw 18		1108			✓	✓	✓	✓				0.0	29- 39148
	09	M8mw 13		1137			✓	✓	✓	✓				0.0	29- 32561
	10	M8mw 14		1140			✓	✓	✓	✓				0.0	29- 32562
	11	M8mw 23		1009			✓	✓	✓	✓				0.0	29- 40128

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	12/10/02 1315	J. Ulmer			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Turnaround time: (X)Standard 3 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: Tide: L

print legibly

Coc11/21/02

SAMPLE RECEIPT FORM

Date Received: 12-10-02 Work Order ID#: 20876

Site/Proj. Name: MS/LP QTR02 Cooler Temp (°C): 3.0c

Received By: J. Verquia Sign: J. Verquia
(Print name)

Check the appropriate box

1. Did the samples come in a cooler? ☑ yes ☐ no ☐ n/a
2. Was the chain of custody filled out correctly and legibly? ☑ yes ☐ no
3. Was the chain of custody signed in the appropriate place? ☑ yes ☐ no
4. Did the labels agree with the chain of custody? ☑ yes ☐ no
5. Were the correct containers/preservatives used? ☑ yes ☐ no
6. Was a sufficient amount of sample supplied? ☑ yes ☐ no
7. Were air bubbles present in VOA vials? ☐ yes ☑ no ☐ n/a
8. Were samples received on ice? ☑ yes ☐ no

Fill out the following table for each sample bottle

Lims ID	pH	Preservative	Sample ID	pH	Preservative
20876 1-11	<2	HCL			
2-11	<2	HNO3			

Comments:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW12
NJDEP ID #: 29-32560
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 12/13/02
WEATHER: Overcast and cold.
TIDE: High-Outgoing.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 8.08 ft
DEPTH OF WELL: 17.25 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.17 ft
(9.17) X .65 X 3 =17.88
GALLONS OF H_2O TO BE PURGED: 18 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 13:07
pH 5.91 su
TEMP 12.13 °C
DISSOLVED O_2 5.21 mg/L
SPECIFIC CONDUCTIVITY 530.1 ms/cm

PURGE END TIME: 14:25
pH 6.03 su
TEMP 11.81 °C
DISSOLVED O_2 1.86 mg/L
SPECIFIC CONDUCTIVITY 429.8 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.05 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 18 gal

SAMPLE START TIME: 14:26
pH 6.05 su
TEMP 11.78 °C
DISSOLVED O_2 1.32 mg/L
SPECIFIC CONDUCTIVITY 411.8 ms/cm

SAMPLE END TIME: 14:30

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW13
NJDEP ID #: 29-32561
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 12/10/02
WEATHER: Overcast and cold.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 5.21 ft
DEPTH OF WELL: 18.82 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 13.61 ft
(13.61) X .65 X 3 =26.53
GALLONS OF H_2O TO BE PURGED: 27 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:39
pH 7.34 su
TEMP 12.32 °C
DISSOLVED O_2 5.31 mg/L
SPECIFIC CONDUCTIVITY 127.6 ms/cm

PURGE END TIME: 11:36
pH 6.91 su
TEMP 11.71 °C
DISSOLVED O_2 3.21 mg/L
SPECIFIC CONDUCTIVITY 111.3 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.51 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 27 gal

SAMPLE START TIME: 11:37
pH 6.90 su
TEMP 11.60 °C
DISSOLVED O_2 3.09 mg/L
SPECIFIC CONDUCTIVITY 99.6 ms/cm

SAMPLE END TIME: 11:42

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW14
NJDEP ID #: 29-32562
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 12/10/02
WEATHER: Overcast and cold.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 8.31 ft
DEPTH OF WELL: 16.69 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.38 ft
(8.38) X .65 X 3 =16.34
GALLONS OF H_2O TO BE PURGED: 16 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:30
pH 7.00 su
DISSOLVED O_2 5.91 mg/L
TEMP 11.76 °C
SPECIFIC CONDUCTIVITY 1571 ms/cm

PURGE END TIME: 11:39
pH 6.91 su
DISSOLVED O_2 3.33 mg/L
TEMP 11.38 °C
SPECIFIC CONDUCTIVITY 1487 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 12.91 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 16 gal

SAMPLE START TIME: 11:44
pH 6.92 su
DISSOLVED O_2 3.29 mg/L
TEMP 11.36 °C
SPECIFIC CONDUCTIVITY 1476 ms/cm

SAMPLE END TIME: 11:49

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW15
NJDEP ID #: 29-32563
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 12/13/02
WEATHER: Overcast and cold.
TIDE: High-Outgoing.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 6.06 ft
DEPTH OF WELL: 16.51 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.45 ft
(10.45) X .65 X 3 =20.37
GALLONS OF H_2O TO BE PURGED: 20 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:23
pH 7.07 su
TEMP 11.79 °C
DISSOLVED O_2 5.91 mg/L
PECIFIC CONDUCTIVITY 150.7 ms/cm

PURGE END TIME: 10:50
pH 7.00 su
TEMP 11.47 °C
DISSOLVED O_2 4.07 mg/L
SPECIFIC CONDUCTIVITY 115.3 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.03 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 20 gal

SAMPLE START TIME: 10:51
pH 7.00 su
TEMP 11.43 °C
DISSOLVED O_2 4.03 mg/L
SPECIFIC CONDUCTIVITY 117.9 ms/cm

SAMPLE END TIME: 10:57

COMMENTS: Cloudy yellow with particles.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW16
NJDEP ID #: 29-39146
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 12/13/02
WEATHER: Overcast and cold.
TIDE: High-Outgoing.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 5.31 ft
DEPTH OF WELL: 15.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.19 ft
(10.19) X .163 X 3 =4.98
GALLONS OF H_2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:37
pH 6.43 su — TEMP 11.80 °C
DISSOLVED O_2 5.71 mg/L — SPECIFIC CONDUCTIVITY 1300 ms/cm

PURGE END TIME: 09:59
pH 6.21 su — TEMP 11.27 °C
DISSOLVED O_2 3.83 mg/L — SPECIFIC CONDUCTIVITY 1277 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.61 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 10:03
pH 6.20 su — TEMP 11.31 °C
DISSOLVED O_2 3.81 mg/L — SPECIFIC CONDUCTIVITY 1279 ms/cm

SAMPLE END TIME: 10:09

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW17
NJDEP ID #: 29-39147
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 12/13/02
WEATHER: Overcast and cold.
TIDE: High-Outgoing.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 4.61 ft
DEPTH OF WELL: 15.40 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.79 ft
(10.79) X .163 X 3 =5.27
GALLONS OF H_2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:30
pH 7.11 su — TEMP 11.71 °C
DISSOLVED O_2 5.76 mg/L — SPECIFIC CONDUCTIVITY 2321 ms/cm

PURGE END TIME: 09:52
pH 7.03 su — TEMP 11.53 °C
DISSOLVED O_2 3.91 mg/L — SPECIFIC CONDUCTIVITY 1999 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.77 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 09:53
pH 7.03 su — TEMP 11.50 °C
DISSOLVED O_2 3.87 mg/L — SPECIFIC CONDUCTIVITY 2031 ms/cm

SAMPLE END TIME: 10:00

COMMENTS: Methane odor. Yellow and black particles.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW18
NJDEP ID #: 29-39148
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 12/10/02
WEATHER: Overcast and cold.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 6.20 ft
DEPTH OF WELL: 16.55 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.35 ft
(10.35) X .163 X 3 =5.06
GALLONS OF H_2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:45
pH 7.10 su
TEMP 11.81 °C
DISSOLVED O_2 5.56 mg/L
SPECIFIC CONDUCTIVITY 141.2 ms/cm

PURGE END TIME: 11:07
pH 7.05 su
TEMP 11.37 °C
DISSOLVED O_2 3.39 mg/L
SPECIFIC CONDUCTIVITY 122.1 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.11 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 11:08
pH 7.04 su
TEMP 11.39 °C
DISSOLVED O_2 3.37 mg/L
SPECIFIC CONDUCTIVITY 112.9 ms/cm

SAMPLE END TIME: 11:16

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW19
NJDEP ID #: 29-39149
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 12/10/02
WEATHER: Overcast and cold.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 7.10 ft
DEPTH OF WELL: 17.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.40 ft
(10.40) X .163 X 3 =5.08
GALLONS OF H_2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:42
pH 6.81 su — TEMP 11.77 °C
DISSOLVED O_2 5.79 mg/L — SPECIFIC CONDUCTIVITY 801.3 ms/cm

PURGE END TIME: 15:07
pH 6.67 su — TEMP 11.47 °C
DISSOLVED O_2 3.20 mg/L — SPECIFIC CONDUCTIVITY 857.6 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.39 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 10:17
pH 6.68 su — TEMP 11.48 °C
DISSOLVED O_2 3.17 mg/L — SPECIFIC CONDUCTIVITY 831.7 ms/cm

SAMPLE END TIME: 10:24

COMMENTS: Cloudy yellow while bailing.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW20
NJDEP ID #: 29-39150
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 12/10/02
WEATHER: Overcast and cold.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 6.76 ft
DEPTH OF WELL: 17.35 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.59 ft
(10.59) X .163 X 3 =5.17
GALLONS OF H_2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:42
pH 7.07 su
DISSOLVED O_2 5.99 mg/L
TEMP 11.71 °C
SPECIFIC CONDUCTIVITY 131.10 ms/cm

PURGE END TIME: 10:04
pH 7.03 su
DISSOLVED O_2 3.53 mg/L
TEMP 11.50 °C
SPECIFIC CONDUCTIVITY 110.9 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.63 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 10:05
pH 7.02 su
DISSOLVED O_2 3.50 mg/L
TEMP 11.43 °C
SPECIFIC CONDUCTIVITY 110.4 ms/cm

SAMPLE END TIME: 10:08

COMMENTS: Clear yellow w/some particles.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW21
NJDEP ID #: 29-39151
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 12/10/02
WEATHER: Overcast and cold.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 5.31 ft
DEPTH OF WELL: 15.75 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.44 ft
(10.44) X .163 X 3 =5.10
GALLONS OF H_2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:58
pH 7.04 su
TEMP 11.71 °C
DISSOLVED O_2 5.79 mg/L
SPECIFIC CONDUCTIVITY 77.61 ms/cm

PURGE END TIME: 09:20
pH 6.98 su
TEMP 11.53 °C
DISSOLVED O_2 2.81 mg/L
SPECIFIC CONDUCTIVITY 53.71 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.81 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 09:26
pH 6.97 su
TEMP 11.51 °C
DISSOLVED O_2 2.77 mg/L
SPECIFIC CONDUCTIVITY 53.54 ms/cm

SAMPLE END TIME: 09:32

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW22
NJDEP ID #: 29-39152
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 12/10/02
WEATHER: Overcast and cold.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 7.77 ft
DEPTH OF WELL: 18.00 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.23 ft
(10.23) X .163 X 3 =5.00
GALLONS OF H_2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:55
pH 7.07 su — TEMP 11.76 °C
DISSOLVED O_2 5.30 mg/L — SPECIFIC CONDUCTIVITY 37.61 ms/cm

PURGE END TIME: 09:17
pH 7.01 su — TEMP 11.53 °C
DISSOLVED O_2 2.76 mg/L — SPECIFIC CONDUCTIVITY 35.21 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.43 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 09:18
pH 7.00 su — TEMP 11.54 °C
DISSOLVED O_2 2.74 mg/L — SPECIFIC CONDUCTIVITY 35.11 ms/cm

SAMPLE END TIME: 09:24

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW23
NJDEP ID #: 29-40128
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 12/10/02
WEATHER: Overcast and cold.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 7.61 ft
DEPTH OF WELL: 16.72 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.11 ft
(9.11) X .65 X 3 =17.76
GALLONS OF H_2O TO BE PURGED: 18 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:50
pH 5.31 su
TEMP 13.60 °C
DISSOLVED O_2 1.76 mg/L
SPECIFIC CONDUCTIVITY 437.6 ms/cm

PURGE END TIME: 10:08
pH 5.27 su
TEMP 12.11 °C
DISSOLVED O_2 0.51 mg/L
SPECIFIC CONDUCTIVITY 444.9 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.63 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 18 gal

SAMPLE START TIME: 10:09
pH 5.25 su
TEMP 12.07 °C
DISSOLVED O_2 0.50 mg/L
SPECIFIC CONDUCTIVITY 452.7 ms/cm

SAMPLE END TIME: 10:13

COMMENTS: DUP. here. Strong odor.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW24
NJDEP ID # 29-41724
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 12/13/02
WEATHER: Overcast, cold
TIDE: High-Outgoing.
WELL CONDITION: Good
LNAPLs: N
DNAPLs: N

Hnu Calibration: Span 5.28 w/ 100 ppm Isobutylene
Sonde Calibration:
pH: 7.00/10.00/4.00 Buffers
Sp Cond/Cond:1000 μ ohms/cm solution (KCl)
DO: % Humidity 760mm (Barometric Pressure)
Temp.: N/A
Turd.: Hach Turbidimeter, Lab cal.

ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 19.09 ft
Before Purge Start: 19.09 ft Previous Day: N/A ft After Sampling: 19.46 ft
DEPTH OF WELL: 46.32 ft
DEPTH TO TOP OF SCREEN: N/A ft
DEPTH OF PUMP/TUBE INTAKE: 40.00 ft
TUBING: Food Grade ¼" Polyethylene
HEIGHT OF WATER: 27.23 ft
(27.23) X .65 X 3 = 53.09
(.65 for 4")
GALLONS OF H2O TO BE PURGED: 53 Gal
PURGE METHOD: (FLOW at >100 TO <500 gpm):
2" REDIFLO 2 GRUNDPHOS SUBMERSIBLE PUMP
Purged at * mL/Min or
Gal/Min. (ml to gal.:ml(0002642)=gal)
PURGE RATE: * gpm
Start 1013 @ 425 ml/min to
Hnu READING: 0.0 ppm (Well)
400 ml/min @ 1020 to 380 ml/min @ 1025
Hnu READING: 0.0 ppm (Well Cap)
375 ml/min @ 1030 to 350 ml/min @ 1035

PURGE START TIME: 1015
pH 5.27 su ORP N/A mv TEMP 14.42 °C Turb 371 NTU
DISSOLVED O_2 3.11 mg/L Sp. CONDUCTIVITY 480.1 ms/cm

PURGE END TIME: 1120
pH 6.20 su ORP N/A mv TEMP 14.22 °C Turb 4.76 NTU
DISSOLVED O_2 1.07 mg/L Sp. CONDUCTIVITY 518.7 ms/cm

DEPTH TO H2O AFTER PURGE AND SAMPLING: 19.46 ft
(SAMPLING METHOD: (Through pump and tubing. Flow cell disconnected)

SAMPLE START TIME: 1121
pH 6.22 su ORP N/A mv TEMP 14.21 °C Turb 4.56 NTU
DISSOLVED O_2 0.98 mg/L Sp. CONDUCTIVITY 520.5 ms/cm

SAMPLE END TIME: 1127
ANALYTES : VOA+15, TAL Mtls, Pest/PCB, BNA+25
COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 0697MW01
NJDEP ID #: 29-31776
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 12/13/02
WEATHER: Overcast and cold.
TIDE: High-Outgoing.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 11.17 ft
DEPTH OF WELL: 19.80 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.63 ft
(8.63) X .65 X 3 =16.82
GALLONS OF H_2O TO BE PURGED: 17 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:15
pH 5.37 su
DISSOLVED O_2 1.79 mg/L
TEMP 16.13 °C
SPECIFIC CONDUCTIVITY 717.0 ms/cm

PURGE END TIME: 11:29
pH 5.91 su
DISSOLVED O_2 0.76 mg/L
TEMP 14.11 °C
SPECIFIC CONDUCTIVITY 631.2 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 15.77 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 17 gal

SAMPLE START TIME: 11:30
pH 5.90 su
DISSOLVED O_2 0.74 mg/L
TEMP 14.13 °C
SPECIFIC CONDUCTIVITY 627.1 ms/cm

SAMPLE END TIME: 11:35

COMMENTS: DUP. here. Low water, odor.

CASE NARRATIVE

Site: M-8, Bldg. 697

The Pesticide/PCB results for the following samples are not reported. They were extracted within holding time but not analyzed:

2088504	00M8MW12
2088505	00M8MW15
2088506	00M8MW16
2088507	00M8MW17
2088508	0697MW01
2088601	00M8MW24

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

MDL	**:**	**Method Detection Limit**
J	**:**	**Compound identified below detection limit**
B	**:**	**Compound found in blank**
D	**:**	**Results are from a dilution of the sample**
U	**:**	**Compound searched for but not detected**
E	**:**	**Compound exceeds calibration limit**
PQL	**:**	**Practical Quantitation Limit**
NLE	**:**	**No limit established**
RT	**:**	**Retention time**

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

Data File	**VB012379.D**	Sample Name	**MB 18Dec02**
Operator	**Skelton**	Field ID	**MB 18Dec02**
Date Acquired	**18 Dec 2002 7:08 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

MB 18Dec02

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 20885 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 18Dec02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB012379.D

Level: (low/med) LOW Date Received: 12/13/02

% Moisture: not dec. Date Analyzed: 12/18/02

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB012349.D**	Sample Name	**MB 13Dec02**
Operator	**Skelton**	Field ID	**MB 13Dec02**
Date Acquired	**13 Dec 2002 8:58 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

MB 13Dec02

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 20876 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 13Dec02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB012349.D

Level: (low/med) LOW Date Received: 12/10/02

% Moisture: not dec. Date Analyzed: 12/13/02

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB012379.D**	Sample Name	**MB 18Dec02**
Operator	**Skelton**	Field ID	**MB 18Dec02**
Date Acquired	**18 Dec 2002 7:08 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

MB 18Dec02

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 20876 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 18Dec02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB012379.D

Level: (low/med) LOW Date Received: 12/10/02

% Moisture: not dec. Date Analyzed: 12/18/02

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB012380.D**	Sample Name	**2087601**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**18 Dec 2002 7:50 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform	16.62	99198	1.37 ug/L	6	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

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

Qualifiers

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

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

C:\HPCHEM\Custrpt\Volatile\624fy02.crt

1/29/03 10:16 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Trip Blank

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 20876 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 2087601

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB012380.D

Level: (low/med) LOW Date Received: 12/10/02

% Moisture: not dec. Date Analyzed: 12/18/02

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB012383.D**	Sample Name	**2088501**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**18 Dec 2002 9:57 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform	16.61	116203	1.75 ug/L	6	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Trip Blank

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 20885 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 2088501

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB012383.D

Level: (low/med) LOW Date Received: 12/13/02

% Moisture: not dec. Date Analyzed: 12/18/02

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB012381.D**	Sample Name	**2087602**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**18 Dec 2002 8:32 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform	16.62	99690	1.41 ug/L	6	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 20876 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 2087602

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB012381.D

Level: (low/med) LOW Date Received: 12/10/02

% Moisture: not dec. Date Analyzed: 12/18/02

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB012384.D**	Sample Name	**2088502**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**18 Dec 2002 10:39 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform	16.63	114134	1.89 ug/L	6	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 20885 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 2088502

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB012384.D

Level: (low/med) LOW Date Received: 12/13/02

% Moisture: not dec. Date Analyzed: 12/18/02

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB012382.D**	Sample Name	**2087603**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**18 Dec 2002 9:15 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride	4.80	37439	1.11 ug/L	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone	15.73	89814	10.95 ug/L	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.60	178931	3.69 ug/L	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene	23.12	456154	3.78 ug/L	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Dupe

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 20876 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 2087603

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB012382.D

Level: (low/med) LOW Date Received: 12/10/02

% Moisture: not dec. Date Analyzed: 12/18/02

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB012385.D**	Sample Name	**2088503**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**18 Dec 2002 11:21 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Dupe

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 20885 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 2088503

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB012385.D

Level: (low/med) LOW Date Received: 12/13/02

% Moisture: not dec. Date Analyzed: 12/18/02

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB012386.D**	Sample Name	**2088504**
Operator	**Skelton**	Field ID	**M8MW12**
Date Acquired	**19 Dec 2002 12:03 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone	15.72	445169	59.80 ug/L	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.59	89449	2.03 ug/L	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene	23.12	275787	2.66 ug/L	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene	24.48	205053	9.51 ug/L	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M8MW12

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 20885 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 2088504

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB012386.D

Level: (low/med) LOW Date Received: 12/13/02

% Moisture: not dec. Date Analyzed: 12/19/02

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

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

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

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000527-84-4	Benzene, 1-methyl-2-(1-methylet	32.09	5	JN

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

Data File	**VB012367.D**	Sample Name	**2087609**
Operator	**Skelton**	Field ID	**M8MW13**
Date Acquired	**14 Dec 2002 9:19 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M8MW13

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 20876 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 2087609

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB012367.D

Level: (low/med) LOW Date Received: 12/10/02

% Moisture: not dec. _____ Date Analyzed: 12/14/02

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB012368.D**	Sample Name	**2087610**
Operator	**Skelton**	Field ID	**M8MW14**
Date Acquired	**14 Dec 2002 10:00 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M8MW14

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 20876 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 2087610

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB012368.D

Level: (low/med) LOW Date Received: 12/10/02

% Moisture: not dec. Date Analyzed: 12/14/02

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB012387.D**	Sample Name	**2088505**
Operator	**Skelton**	Field ID	**M8MW15**
Date Acquired	**19 Dec 2002 12:45 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M8MW15

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 20885 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 2088505

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB012387.D

Level: (low/med) LOW Date Received: 12/13/02

% Moisture: not dec. _____ Date Analyzed: 12/19/02

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB012388.D**	Sample Name	**2088506**
Operator	**Skelton**	Field ID	**M8MW16**
Date Acquired	**19 Dec 2002 1:28 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	26.66	105312	2.02 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M8MW16

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 20885 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 2088506

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB012388.D

Level: (low/med) LOW Date Received: 12/13/02

% Moisture: not dec. _____ Date Analyzed: 12/19/02

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB012389.D**	Sample Name	**2088507**
Operator	**Skelton**	Field ID	**M8MW17**
Date Acquired	**19 Dec 2002 2:10 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M8MW17

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 20885 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 2088507

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB012389.D

Level: (low/med) LOW Date Received: 12/13/02

% Moisture: not dec. Date Analyzed: 12/19/02

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB012366.D**	Sample Name	**2087608**
Operator	**Skelton**	Field ID	**M8MW18**
Date Acquired	**14 Dec 2002 8:38 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	26.67	492256	4.51 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	32.33	182019	2.08 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M8MW18

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 20876 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 2087608

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB012366.D

Level: (low/med) LOW Date Received: 12/10/02

% Moisture: not dec. _____ Date Analyzed: 12/14/02

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB012365.D**	Sample Name	**2087607**
Operator	**Skelton**	Field ID	**M8MW19**
Date Acquired	**14 Dec 2002 7:56 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M8MW19

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 20876 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 2087607

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB012365.D

Level: (low/med) LOW Date Received: 12/10/02

% Moisture: not dec. Date Analyzed: 12/14/02

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB012364.D**	Sample Name	**2087606**
Operator	**Skelton**	Field ID	**M8MW20**
Date Acquired	**14 Dec 2002 7:15 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M8MW20

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 20876 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 2087606

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB012364.D

Level: (low/med) LOW Date Received: 12/10/02

% Moisture: not dec. Date Analyzed: 12/14/02

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB012363.D**	Sample Name	**2087605**
Operator	**Skelton**	Field ID	**M8MW21**
Date Acquired	**14 Dec 2002 6:34 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M8MW21

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 20876 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 2087605

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB012363.D

Level: (low/med) LOW Date Received: 12/10/02

% Moisture: not dec. Date Analyzed: 12/14/02

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB012360.D**	Sample Name	**2087604**
Operator	**Skelton**	Field ID	**M8MW22**
Date Acquired	**14 Dec 2002 4:31 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M8MW22

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 20876 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 2087604

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB012360.D

Level: (low/med) LOW Date Received: 12/10/02

% Moisture: not dec. Date Analyzed: 12/14/02

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

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

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

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 001120-21-4	Undecane	33.12	4	JN

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

Data File	**VB012369.D**	Sample Name	**2087611**
Operator	**Skelton**	Field ID	**M8MW23**
Date Acquired	**14 Dec 2002 10:41 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride	4.82	63786	2.06 ug/L	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone	15.74	60285	7.98 ug/L	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.59	258457	5.78 ug/L	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene	23.12	595273	3.79 ug/L	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M8MW23

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 20876 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 2087611

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB012369.D

Level: (low/med) LOW Date Received: 12/10/02

% Moisture: not dec. _____ Date Analyzed: 12/14/02

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB012373.D**	Sample Name	**2088601**
Operator	**Skelton**	Field ID	**M8MW24**
Date Acquired	**14 Dec 2002 1:26 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	26.66	117910	1.42 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M8MW24

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 20886 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 2088601

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB012373.D

Level: (low/med) LOW Date Received: 12/13/02

% Moisture: not dec. Date Analyzed: 12/14/02

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB012390.D**	Sample Name	**2088508**
Operator	**Skelton**	Field ID	**697MW01**
Date Acquired	**19 Dec 2002 2:52 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

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

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

697MW01

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 20885 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 2088508

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB012390.D

Level: (low/med) LOW Date Received: 12/13/02

% Moisture: not dec. Date Analyzed: 12/19/02

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07414.D**	Sample Name	**MB-121102**
Operator	**BPatel**	Misc Info	**MB-121102**
Date Acquired	**13-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.27	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.78	ug/L	
62-53-3	Aniline			not detected	NLE	1.11	ug/L	
108-95-2	Phenol			not detected	4000	0.45	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.10	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.97	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.80	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.93	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.99	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.78	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.96	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.78	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	1.01	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.88	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.15	ug/L	
78-59-1	Isophorone			not detected	100	0.92	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.82	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.83	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.74	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.77	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.66	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.68	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.24	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.84	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.69	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.62	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.53	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.84	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.99	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.81	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.86	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.79	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.84	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.95	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.66	ug/L	
83-32-9	Acenaphthene			not detected	400	0.86	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.37	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.85	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.58	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07414.D**	Sample Name	**MB-121102**
Operator	**BPatel**	Misc Info	**MB-121102**
Date Acquired	**13-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.86	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.71	ug/L	
86-73-7	Fluorene			not detected	300	0.86	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.67	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.19	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.76	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.83	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.75	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.66	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.61	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.36	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.84	ug/L	
120-12-7	Anthracene			not detected	2000	0.72	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.61	ug/L	
206-44-0	Fluoranthene			not detected	300	0.60	ug/L	
92-87-5	Benzidine			not detected	50	2.71	ug/L	
129-00-0	Pyrene			not detected	200	0.89	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.67	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.69	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.79	ug/L	
218-01-9	Chrysene			not detected	20	0.91	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.06	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.59	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.88	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.72	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.56	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.91	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.66	ug/L	

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

Qualifiers

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

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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **MB-121102**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20876 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB-121102

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07414.D

Level: (low/med) LOW Date Received: 12/10/02

% Moisture: decanted: (Y/N) N Date Extracted: 12/11/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/13/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.37	8	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN06035.D**	Sample Name	**MB-121602**
Operator	**B.Patel**	Misc Info	**MB-121602**
Date Acquired	**19-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.27	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.78	ug/L	
62-53-3	Aniline			not detected	NLE	1.11	ug/L	
108-95-2	Phenol			not detected	4000	0.45	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.10	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.97	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.80	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.93	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.99	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.78	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.96	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.78	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	1.01	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.88	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.15	ug/L	
78-59-1	Isophorone			not detected	100	0.92	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.82	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.83	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.74	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.77	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.66	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.68	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.24	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.84	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.69	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.62	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.53	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.84	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.99	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.81	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.86	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.79	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.84	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.95	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.66	ug/L	
83-32-9	Acenaphthene			not detected	400	0.86	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.37	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.85	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.58	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN06035.D**	Sample Name	**MB-121602**
Operator	**B.Patel**	Misc Info	**MB-121602**
Date Acquired	**19-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.86	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.71	ug/L	
86-73-7	Fluorene			not detected	300	0.86	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.67	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.19	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.76	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.83	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.75	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.66	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.61	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.36	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.84	ug/L	
120-12-7	Anthracene			not detected	2000	0.72	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.61	ug/L	
206-44-0	Fluoranthene			not detected	300	0.60	ug/L	
92-87-5	Benzidine			not detected	50	2.71	ug/L	
129-00-0	Pyrene			not detected	200	0.89	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.67	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.69	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.79	ug/L	
218-01-9	Chrysene			not detected	20	0.91	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.06	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.59	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.88	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.72	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.56	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.91	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.66	ug/L	

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

Qualifiers

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

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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **MB-121602**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20885 Location: M8 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: MB-121602

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN06035.D

Level: (low/med) LOW Date Received: 12/13/02

% Moisture: decanted: (Y/N) N Date Extracted: 12/16/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/19/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.70	6	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07415.D**	Sample Name	**2087602**
Operator	**BPatel**	Misc Info	**Field Blank**
Date Acquired	**13-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.27	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.78	ug/L	
62-53-3	Aniline			not detected	NLE	1.11	ug/L	
108-95-2	Phenol			not detected	4000	0.45	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.10	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.97	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.80	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.93	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.99	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.78	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.96	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.78	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	1.01	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.88	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.15	ug/L	
78-59-1	Isophorone			not detected	100	0.92	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.82	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.83	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.74	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.77	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.66	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.68	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.24	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.84	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.69	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.62	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.53	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.84	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.99	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.81	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.86	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.79	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.84	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.95	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.66	ug/L	
83-32-9	Acenaphthene			not detected	400	0.86	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.37	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.85	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.58	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07415.D**	Sample Name	**2087602**
Operator	**BPatel**	Misc Info	**Field Blank**
Date Acquired	**13-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.86	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.71	ug/L	
86-73-7	Fluorene			not detected	300	0.86	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.67	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.19	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.76	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.83	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.75	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.66	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.61	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.36	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.84	ug/L	
120-12-7	Anthracene			not detected	2000	0.72	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.61	ug/L	
206-44-0	Fluoranthene			not detected	300	0.60	ug/L	
92-87-5	Benzidine			not detected	50	2.71	ug/L	
129-00-0	Pyrene			not detected	200	0.89	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.67	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.69	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.79	ug/L	
218-01-9	Chrysene			not detected	20	0.91	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.06	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.59	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.88	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.72	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.56	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.91	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.66	ug/L	

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

Qualifiers

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

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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20876 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2087602

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07415.D

Level: (low/med) LOW Date Received: 12/10/02

% Moisture: decanted: (Y/N) N Date Extracted: 12/11/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/13/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.37	8	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN06037.D**	Sample Name	**2088502**
Operator	**B.Patel**	Misc Info	**Field Blank**
Date Acquired	**19-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.27	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.78	ug/L	
62-53-3	Aniline			not detected	NLE	1.11	ug/L	
108-95-2	Phenol			not detected	4000	0.45	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.10	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.97	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.80	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.93	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.99	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.78	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.96	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.78	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	1.01	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.88	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.15	ug/L	
78-59-1	Isophorone			not detected	100	0.92	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.82	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.83	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.74	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.77	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.66	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.68	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.24	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.84	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.69	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.62	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.53	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.84	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.99	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.81	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.86	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.79	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.84	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.95	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.66	ug/L	
83-32-9	Acenaphthene			not detected	400	0.86	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.37	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.85	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.58	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN06037.D**	Sample Name	**2088502**
Operator	**B.Patel**	Misc Info	**Field Blank**
Date Acquired	**19-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.86	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.71	ug/L	
86-73-7	Fluorene			not detected	300	0.86	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.67	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.19	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.76	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.83	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.75	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.66	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.61	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.36	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.84	ug/L	
120-12-7	Anthracene			not detected	2000	0.72	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.61	ug/L	
206-44-0	Fluoranthene			not detected	300	0.60	ug/L	
92-87-5	Benzidine			not detected	50	2.71	ug/L	
129-00-0	Pyrene			not detected	200	0.89	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.67	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.69	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.79	ug/L	
218-01-9	Chrysene			not detected	20	0.91	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.06	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.59	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.88	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.72	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.56	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.91	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.66	ug/L	

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

Qualifiers

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

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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20885 Location: M8 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 2088502

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN06037.D

Level: (low/med) LOW Date Received: 12/13/02

% Moisture: decanted: (Y/N) N Date Extracted: 12/16/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/19/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.71	6	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07416.D**	Sample Name	**2087603**
Operator	**BPatel**	Misc Info	**Dupe**
Date Acquired	**13-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.27	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.78	ug/L	
62-53-3	Aniline			not detected	NLE	1.11	ug/L	
108-95-2	Phenol			not detected	4000	0.45	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.10	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.97	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.80	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.93	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.99	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.78	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.96	ug/L	
106-44-5	4-Methylphenol	11.85	300240	20.52 ug/L	NLE	0.78	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	1.01	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.88	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.15	ug/L	
78-59-1	Isophorone			not detected	100	0.92	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.82	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.83	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.74	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.77	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.66	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.68	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.24	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.84	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.69	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.62	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.53	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.84	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.99	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.81	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.86	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.79	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.84	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.95	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.66	ug/L	
83-32-9	Acenaphthene			not detected	400	0.86	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.37	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.85	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.58	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07416.D**	Sample Name	**2087603**
Operator	**BPatel**	Misc Info	**Dupe**
Date Acquired	**13-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.86	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.71	ug/L	
86-73-7	Fluorene			not detected	300	0.86	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.67	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.19	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.76	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.83	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.75	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.66	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.61	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.36	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.84	ug/L	
120-12-7	Anthracene			not detected	2000	0.72	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.61	ug/L	
206-44-0	Fluoranthene			not detected	300	0.60	ug/L	
92-87-5	Benzidine			not detected	50	2.71	ug/L	
129-00-0	Pyrene			not detected	200	0.89	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.67	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.69	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.79	ug/L	
218-01-9	Chrysene			not detected	20	0.91	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.06	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.59	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.88	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.72	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.56	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.91	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.66	ug/L	

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

Qualifiers

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

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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Dupe**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20876 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2087603

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07416.D

Level: (low/med) LOW Date Received: 12/10/02

% Moisture: decanted: (Y/N) N Date Extracted: 12/11/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/13/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.37	8	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN06038.D**	Sample Name	**2088503**
Operator	**B.Patel**	Misc Info	**Dupe**
Date Acquired	**19-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.27	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.78	ug/L	
62-53-3	Aniline			not detected	NLE	1.11	ug/L	
108-95-2	Phenol			not detected	4000	0.45	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.10	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.97	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.80	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.93	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.99	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.78	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.96	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.78	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	1.01	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.88	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.15	ug/L	
78-59-1	Isophorone			not detected	100	0.92	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.82	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.83	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.74	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.77	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.66	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.68	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.24	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.84	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.69	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.62	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.53	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.84	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.99	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.81	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.86	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.79	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.84	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.95	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.66	ug/L	
83-32-9	Acenaphthene			not detected	400	0.86	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.37	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.85	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.58	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN06038.D**	Sample Name	**2088503**
Operator	**B.Patel**	Misc Info	**Dupe**
Date Acquired	**19-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.86	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.71	ug/L	
86-73-7	Fluorene			not detected	300	0.86	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.67	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.19	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.76	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.83	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.75	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.66	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.61	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.36	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.84	ug/L	
120-12-7	Anthracene			not detected	2000	0.72	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.61	ug/L	
206-44-0	Fluoranthene			not detected	300	0.60	ug/L	
92-87-5	Benzidine			not detected	50	2.71	ug/L	
129-00-0	Pyrene			not detected	200	0.89	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.67	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.69	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.79	ug/L	
218-01-9	Chrysene			not detected	20	0.91	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.06	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.59	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.88	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.72	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.56	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.91	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.66	ug/L	

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

Qualifiers

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

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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **Dupe**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20885 Location: M8 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 2088503

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN06038.D

Level: (low/med) LOW Date Received: 12/13/02

% Moisture: _____ decanted: (Y/N) N Date Extracted: 12/16/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/19/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

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

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.70	8	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN06039.D**	Sample Name	**2088504**
Operator	**B.Patel**	Misc Info	**M8MW12**
Date Acquired	**19-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.27	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.78	ug/L	
62-53-3	Aniline			not detected	NLE	1.11	ug/L	
108-95-2	Phenol			not detected	4000	0.45	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.10	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.97	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.80	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.93	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.99	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.78	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.96	ug/L	
106-44-5	4-Methylphenol	12.06	99252	4.45 ug/L	NLE	0.78	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	1.01	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.88	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.15	ug/L	
78-59-1	Isophorone			not detected	100	0.92	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.82	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.83	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.74	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.77	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.66	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.68	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.24	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.84	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.69	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.62	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.53	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.84	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.99	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.81	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.86	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.79	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.84	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.95	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.66	ug/L	
83-32-9	Acenaphthene			not detected	400	0.86	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.37	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.85	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.58	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN06039.D**	Sample Name	**2088504**
Operator	**B.Patel**	Misc Info	**M8MW12**
Date Acquired	**19-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.86	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.71	ug/L	
86-73-7	Fluorene			not detected	300	0.86	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.67	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.19	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.76	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.83	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.75	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.66	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.61	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.36	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.84	ug/L	
120-12-7	Anthracene			not detected	2000	0.72	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.61	ug/L	
206-44-0	Fluoranthene			not detected	300	0.60	ug/L	
92-87-5	Benzidine			not detected	50	2.71	ug/L	
129-00-0	Pyrene			not detected	200	0.89	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.67	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.69	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.79	ug/L	
218-01-9	Chrysene			not detected	20	0.91	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.06	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.59	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.88	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.72	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.56	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.91	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.66	ug/L	

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

Qualifiers

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

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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M8MW12**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20885 Location: M8 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 2088504

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN06039.D

Level: (low/med) LOW Date Received: 12/13/02

% Moisture: decanted: (Y/N) N Date Extracted: 12/16/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/19/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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

Number TICs found: 6

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000107-92-6	Butanoic acid	6.49	8	JN
2.	unknown	7.71	8	J
3.	unknown	9.70	22	J
4. 000527-84-4	Benzene, 1-methyl-2-(1-methylel	11.27	11	JN
5.	unknown	11.95	6	J
6.	unknown	13.39	33	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07422.D**	Sample Name	**2087609**
Operator	**BPatel**	Misc Info	**M8MW13**
Date Acquired	**13-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.27	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.78	ug/L	
62-53-3	Aniline			not detected	NLE	1.11	ug/L	
108-95-2	Phenol			not detected	4000	0.45	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.10	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.97	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.80	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.93	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.99	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.78	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.96	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.78	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	1.01	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.88	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.15	ug/L	
78-59-1	Isophorone			not detected	100	0.92	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.82	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.83	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.74	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.77	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.66	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.68	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.24	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.84	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.69	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.62	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.53	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.84	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.99	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.81	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.86	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.79	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.84	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.95	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.66	ug/L	
83-32-9	Acenaphthene			not detected	400	0.86	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.37	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.85	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.58	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07422.D**	Sample Name	**2087609**
Operator	**BPatel**	Misc Info	**M8MW13**
Date Acquired	**13-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.86	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.71	ug/L	
86-73-7	Fluorene			not detected	300	0.86	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.67	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.19	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.76	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.83	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.75	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.66	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.61	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.36	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.84	ug/L	
120-12-7	Anthracene			not detected	2000	0.72	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.61	ug/L	
206-44-0	Fluoranthene			not detected	300	0.60	ug/L	
92-87-5	Benzidine			not detected	50	2.71	ug/L	
129-00-0	Pyrene			not detected	200	0.89	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.67	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.69	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.79	ug/L	
218-01-9	Chrysene			not detected	20	0.91	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.06	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.59	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.88	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.72	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.56	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.91	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.66	ug/L	

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

Qualifiers

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

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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW13**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20876 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2087609

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07422.D

Level: (low/med) LOW Date Received: 12/10/02

% Moisture: decanted: (Y/N) N Date Extracted: 12/11/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/13/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.37	9	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07423.D**	Sample Name	**2087610**
Operator	**BPatel**	Misc Info	**M8MW14**
Date Acquired	**13-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.27	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.78	ug/L	
62-53-3	Aniline			not detected	NLE	1.11	ug/L	
108-95-2	Phenol			not detected	4000	0.45	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.10	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.97	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.80	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.93	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.99	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.78	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.96	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.78	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	1.01	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.88	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.15	ug/L	
78-59-1	Isophorone			not detected	100	0.92	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.82	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.83	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.74	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.77	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.66	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.68	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.24	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.84	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.69	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.62	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.53	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.84	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.99	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.81	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.86	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.79	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.84	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.95	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.66	ug/L	
83-32-9	Acenaphthene			not detected	400	0.86	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.37	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.85	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.58	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07423.D**	Sample Name	**2087610**
Operator	**BPatel**	Misc Info	**M8MW14**
Date Acquired	**13-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.86	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.71	ug/L	
86-73-7	Fluorene			not detected	300	0.86	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.67	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.19	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.76	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.83	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.75	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.66	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.61	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.36	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.84	ug/L	
120-12-7	Anthracene			not detected	2000	0.72	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.61	ug/L	
206-44-0	Fluoranthene			not detected	300	0.60	ug/L	
92-87-5	Benzidine			not detected	50	2.71	ug/L	
129-00-0	Pyrene			not detected	200	0.89	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.67	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.69	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.79	ug/L	
218-01-9	Chrysene			not detected	20	0.91	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.06	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.59	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.88	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.72	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.56	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.91	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.66	ug/L	

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

Qualifiers

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

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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW14**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20876 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2087610

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07423.D

Level: (low/med) LOW Date Received: 12/10/02

% Moisture: decanted: (Y/N) N Date Extracted: 12/11/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/13/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.37	10	J
2. 000134-62-3	Diethyltoluamide	19.08	7	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN06040.D**	Sample Name	**2088505**
Operator	**B.Patel**	Misc Info	**M8MW15**
Date Acquired	**19-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.27	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.78	ug/L	
62-53-3	Aniline			not detected	NLE	1.11	ug/L	
108-95-2	Phenol			not detected	4000	0.45	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.10	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.97	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.80	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.93	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.99	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.78	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.96	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.78	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	1.01	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.88	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.15	ug/L	
78-59-1	Isophorone			not detected	100	0.92	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.82	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.83	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.74	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.77	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.66	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.68	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.24	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.84	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.69	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.62	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.53	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.84	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.99	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.81	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.86	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.79	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.84	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.95	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.66	ug/L	
83-32-9	Acenaphthene			not detected	400	0.86	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.37	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.85	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.58	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN06040.D**	Sample Name	**2088505**
Operator	**B.Patel**	Misc Info	**M8MW15**
Date Acquired	**19-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.86	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.71	ug/L	
86-73-7	Fluorene			not detected	300	0.86	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.67	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.19	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.76	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.83	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.75	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.66	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.61	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.36	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.84	ug/L	
120-12-7	Anthracene			not detected	2000	0.72	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.61	ug/L	
206-44-0	Fluoranthene			not detected	300	0.60	ug/L	
92-87-5	Benzidine			not detected	50	2.71	ug/L	
129-00-0	Pyrene			not detected	200	0.89	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.67	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.69	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.79	ug/L	
218-01-9	Chrysene			not detected	20	0.91	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.06	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.59	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.88	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.72	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.56	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.91	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.66	ug/L	

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

Qualifiers

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

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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M8MW15**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20885 Location: M8 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 2088505

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN06040.D

Level: (low/med) LOW Date Received: 12/13/02

% Moisture: _____ decanted: (Y/N) N Date Extracted: 12/16/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/19/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

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

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.70	8	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN06041.D**	Sample Name	**2088506**
Operator	**B.Patel**	Misc Info	**M8MW16**
Date Acquired	**19-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.27	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.78	ug/L	
62-53-3	Aniline			not detected	NLE	1.11	ug/L	
108-95-2	Phenol			not detected	4000	0.45	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.10	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.97	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.80	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.93	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.99	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.78	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.96	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.78	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	1.01	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.88	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.15	ug/L	
78-59-1	Isophorone			not detected	100	0.92	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.82	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.83	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.74	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.77	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.66	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.68	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.24	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.84	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.69	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.62	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.53	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.84	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.99	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.81	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.86	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.79	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.84	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.95	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.66	ug/L	
83-32-9	Acenaphthene			not detected	400	0.86	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.37	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.85	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.58	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN06041.D**	Sample Name	**2088506**
Operator	**B.Patel**	Misc Info	**M8MW16**
Date Acquired	**19-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.86	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.71	ug/L	
86-73-7	Fluorene			not detected	300	0.86	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.67	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.19	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.76	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.83	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.75	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.66	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.61	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.36	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.84	ug/L	
120-12-7	Anthracene			not detected	2000	0.72	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.61	ug/L	
206-44-0	Fluoranthene			not detected	300	0.60	ug/L	
92-87-5	Benzidine			not detected	50	2.71	ug/L	
129-00-0	Pyrene			not detected	200	0.89	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.67	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.69	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.79	ug/L	
218-01-9	Chrysene			not detected	20	0.91	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.06	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.59	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.88	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.72	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.56	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.91	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.66	ug/L	

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

Qualifiers

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

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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M8MW16**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20885 Location: M8 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 2088506

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN06041.D

Level: (low/med) LOW Date Received: 12/13/02

% Moisture: decanted: (Y/N) N Date Extracted: 12/16/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/19/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.70	8	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN06042.D**	Sample Name	**2088507**
Operator	**B.Patel**	Misc Info	**M8MW17**
Date Acquired	**19-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.27	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.78	ug/L	
62-53-3	Aniline			not detected	NLE	1.11	ug/L	
108-95-2	Phenol			not detected	4000	0.45	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.10	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.97	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.80	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.93	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.99	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.78	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.96	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.78	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	1.01	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.88	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.15	ug/L	
78-59-1	Isophorone			not detected	100	0.92	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.82	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.83	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.74	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.77	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.66	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.68	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.24	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.84	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.69	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.62	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.53	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.84	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.99	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.81	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.86	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.79	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.84	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.95	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.66	ug/L	
83-32-9	Acenaphthene	18.37	36519	1.13 ug/L	400	0.86	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.37	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.85	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.58	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN06042.D**	Sample Name	**2088507**
Operator	**B.Patel**	Misc Info	**M8MW17**
Date Acquired	**19-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.86	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.71	ug/L	
86-73-7	Fluorene			not detected	300	0.86	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.67	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.19	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.76	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.83	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.75	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.66	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.61	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.36	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.84	ug/L	
120-12-7	Anthracene			not detected	2000	0.72	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.61	ug/L	
206-44-0	Fluoranthene			not detected	300	0.60	ug/L	
92-87-5	Benzidine			not detected	50	2.71	ug/L	
129-00-0	Pyrene			not detected	200	0.89	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.67	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.69	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.79	ug/L	
218-01-9	Chrysene			not detected	20	0.91	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.06	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.59	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.88	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.72	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.56	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.91	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.66	ug/L	

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

Qualifiers

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

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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M8MW17**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20885 Location: M8 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 2088507

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN06042.D

Level: (low/med) LOW Date Received: 12/13/02

% Moisture: _____ decanted: (Y/N) N Date Extracted: 12/16/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/19/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

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

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.70	8	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07421.D**	Sample Name	**2087608**
Operator	**BPatel**	Misc Info	**M8MW18**
Date Acquired	**13-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.27	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.78	ug/L	
62-53-3	Aniline			not detected	NLE	1.11	ug/L	
108-95-2	Phenol			not detected	4000	0.45	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.10	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.97	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.80	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.93	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.99	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.78	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.96	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.78	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	1.01	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.88	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.15	ug/L	
78-59-1	Isophorone			not detected	100	0.92	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.82	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.83	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.74	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.77	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.66	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.68	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.24	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.84	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.69	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.62	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.53	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.84	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.99	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.81	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.86	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.79	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.84	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.95	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.66	ug/L	
83-32-9	Acenaphthene			not detected	400	0.86	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.37	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.85	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.58	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07421.D**	Sample Name	**2087608**
Operator	**BPatel**	Misc Info	**M8MW18**
Date Acquired	**13-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.86	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.71	ug/L	
86-73-7	Fluorene			not detected	300	0.86	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.67	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.19	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.76	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.83	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.75	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.66	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.61	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.36	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.84	ug/L	
120-12-7	Anthracene			not detected	2000	0.72	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.61	ug/L	
206-44-0	Fluoranthene			not detected	300	0.60	ug/L	
92-87-5	Benzidine			not detected	50	2.71	ug/L	
129-00-0	Pyrene			not detected	200	0.89	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.67	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.69	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.79	ug/L	
218-01-9	Chrysene			not detected	20	0.91	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.06	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.59	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.88	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.72	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.56	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.91	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.66	ug/L	

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

Qualifiers

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

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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW18**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20876 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2087608

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07421.D

Level: (low/med) LOW Date Received: 12/10/02

% Moisture: decanted: (Y/N) N Date Extracted: 12/11/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/13/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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

Number TICs found: 5

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.37	9	J
2. 000134-62-3	Diethyltoluamide	19.08	4	JN
3. 000119-39-1	Phthalazin-1-one	19.29	24	JN
4.	unknown	20.11	8	J
5. 000934-34-9	2(3H)-Benzothiazolone	20.38	6	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07420.D**	Sample Name	**2087607**
Operator	**BPatel**	Misc Info	**M8MW19**
Date Acquired	**13-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.27	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.78	ug/L	
62-53-3	Aniline			not detected	NLE	1.11	ug/L	
108-95-2	Phenol			not detected	4000	0.45	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.10	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.97	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.80	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.93	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.99	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.78	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.96	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.78	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	1.01	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.88	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.15	ug/L	
78-59-1	Isophorone			not detected	100	0.92	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.82	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.83	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.74	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.77	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.66	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.68	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.24	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.84	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.69	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.62	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.53	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.84	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.99	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.81	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.86	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.79	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.84	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.95	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.66	ug/L	
83-32-9	Acenaphthene			not detected	400	0.86	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.37	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.85	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.58	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07420.D**	Sample Name	**2087607**
Operator	**BPatel**	Misc Info	**M8MW19**
Date Acquired	**13-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.86	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.71	ug/L	
86-73-7	Fluorene			not detected	300	0.86	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.67	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.19	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.76	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.83	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.75	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.66	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.61	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.36	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.84	ug/L	
120-12-7	Anthracene			not detected	2000	0.72	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.61	ug/L	
206-44-0	Fluoranthene			not detected	300	0.60	ug/L	
92-87-5	Benzidine			not detected	50	2.71	ug/L	
129-00-0	Pyrene			not detected	200	0.89	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.67	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.69	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.79	ug/L	
218-01-9	Chrysene			not detected	20	0.91	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.06	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.59	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.88	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.72	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.56	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.91	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.66	ug/L	

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

Qualifiers

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

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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW19**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20876 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2087607

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07420.D

Level: (low/med) LOW Date Received: 12/10/02

% Moisture: decanted: (Y/N) N Date Extracted: 12/11/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/13/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.37	9	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07419.D**	Sample Name	**2087606**
Operator	**BPatel**	Misc Info	**M8MW20**
Date Acquired	**13-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.27	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.78	ug/L	
62-53-3	Aniline			not detected	NLE	1.11	ug/L	
108-95-2	Phenol			not detected	4000	0.45	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.10	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.97	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.80	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.93	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.99	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.78	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.96	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.78	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	1.01	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.88	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.15	ug/L	
78-59-1	Isophorone			not detected	100	0.92	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.82	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.83	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.74	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.77	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.66	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.68	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.24	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.84	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.69	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.62	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.53	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.84	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.99	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.81	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.86	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.79	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.84	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.95	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.66	ug/L	
83-32-9	Acenaphthene			not detected	400	0.86	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.37	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.85	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.58	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07419.D**	Sample Name	**2087606**
Operator	**BPatel**	Misc Info	**M8MW20**
Date Acquired	**13-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.86	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.71	ug/L	
86-73-7	Fluorene			not detected	300	0.86	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.67	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.19	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.76	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.83	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.75	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.66	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.61	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.36	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.84	ug/L	
120-12-7	Anthracene			not detected	2000	0.72	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.61	ug/L	
206-44-0	Fluoranthene			not detected	300	0.60	ug/L	
92-87-5	Benzidine			not detected	50	2.71	ug/L	
129-00-0	Pyrene			not detected	200	0.89	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.67	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.69	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.79	ug/L	
218-01-9	Chrysene			not detected	20	0.91	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.06	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.59	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.88	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.72	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.56	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.91	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.66	ug/L	

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

Qualifiers

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

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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW20**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20876 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2087606

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07419.D

Level: (low/med) LOW Date Received: 12/10/02

% Moisture: decanted: (Y/N) N Date Extracted: 12/11/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/13/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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

Number TICs found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.37	8	J
2. 000629-62-9	Pentadecane	17.91	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07418.D**	Sample Name	**2087605**
Operator	**BPatel**	Misc Info	**M8MW21**
Date Acquired	**13-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.27	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.78	ug/L	
62-53-3	Aniline			not detected	NLE	1.11	ug/L	
108-95-2	Phenol			not detected	4000	0.45	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.10	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.97	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.80	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.93	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.99	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.78	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.96	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.78	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	1.01	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.88	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.15	ug/L	
78-59-1	Isophorone			not detected	100	0.92	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.82	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.83	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.74	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.77	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.66	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.68	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.24	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.84	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.69	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.62	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.53	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.84	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.99	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.81	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.86	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.79	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.84	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.95	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.66	ug/L	
83-32-9	Acenaphthene			not detected	400	0.86	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.37	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.85	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.58	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07418.D**	Sample Name	**2087605**
Operator	**BPatel**	Misc Info	**M8MW21**
Date Acquired	**13-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.86	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.71	ug/L	
86-73-7	Fluorene			not detected	300	0.86	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.67	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.19	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.76	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.83	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.75	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.66	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.61	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.36	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.84	ug/L	
120-12-7	Anthracene			not detected	2000	0.72	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.61	ug/L	
206-44-0	Fluoranthene			not detected	300	0.60	ug/L	
92-87-5	Benzidine			not detected	50	2.71	ug/L	
129-00-0	Pyrene			not detected	200	0.89	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.67	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.69	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.79	ug/L	
218-01-9	Chrysene			not detected	20	0.91	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.06	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.59	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.88	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.72	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.56	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.91	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.66	ug/L	

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

Qualifiers

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

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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW21**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20876 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2087605

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07418.D

Level: (low/med) LOW Date Received: 12/10/02

% Moisture: decanted: (Y/N) N Date Extracted: 12/11/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/13/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.37	8	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07417.D**	Sample Name	**2087604**
Operator	**BPatel**	Misc Info	**M8MW22**
Date Acquired	**13-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.27	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.78	ug/L	
62-53-3	Aniline			not detected	NLE	1.11	ug/L	
108-95-2	Phenol			not detected	4000	0.45	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.10	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.97	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.80	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.93	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.99	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.78	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.96	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.78	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	1.01	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.88	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.15	ug/L	
78-59-1	Isophorone			not detected	100	0.92	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.82	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.83	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.74	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.77	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.66	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.68	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.24	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.84	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.69	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.62	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.53	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.84	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.99	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.81	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.86	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.79	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.84	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.95	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.66	ug/L	
83-32-9	Acenaphthene			not detected	400	0.86	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.37	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.85	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.58	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07417.D**	Sample Name	**2087604**
Operator	**BPatel**	Misc Info	**M8MW22**
Date Acquired	**13-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.86	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.71	ug/L	
86-73-7	Fluorene			not detected	300	0.86	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.67	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.19	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.76	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.83	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.75	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.66	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.61	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.36	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.84	ug/L	
120-12-7	Anthracene			not detected	2000	0.72	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.61	ug/L	
206-44-0	Fluoranthene			not detected	300	0.60	ug/L	
92-87-5	Benzidine			not detected	50	2.71	ug/L	
129-00-0	Pyrene			not detected	200	0.89	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.67	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.69	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.79	ug/L	
218-01-9	Chrysene			not detected	20	0.91	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.06	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.59	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.88	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.72	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.56	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.91	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.66	ug/L	

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

Qualifiers

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

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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW22**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20876 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2087604

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07417.D

Level: (low/med) LOW Date Received: 12/10/02

% Moisture: decanted: (Y/N) N Date Extracted: 12/11/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/13/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.37	7	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07424.D**	Sample Name	**2087611**
Operator	**BPatel**	Misc Info	**M8MW23**
Date Acquired	**13-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.27	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.78	ug/L	
62-53-3	Aniline			not detected	NLE	1.11	ug/L	
108-95-2	Phenol			not detected	4000	0.45	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.10	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.97	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.80	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.93	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.99	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.78	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.96	ug/L	
106-44-5	4-Methylphenol	11.85	481650	34.00 ug/L	NLE	0.78	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	1.01	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.88	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.15	ug/L	
78-59-1	Isophorone			not detected	100	0.92	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.82	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.83	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.74	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.77	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.66	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.68	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.24	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.84	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.69	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.62	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.53	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.84	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.99	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.81	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.86	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.79	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.84	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.95	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.66	ug/L	
83-32-9	Acenaphthene			not detected	400	0.86	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.37	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.85	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.58	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07424.D**	Sample Name	**2087611**
Operator	**BPatel**	Misc Info	**M8MW23**
Date Acquired	**13-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.86	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.71	ug/L	
86-73-7	Fluorene			not detected	300	0.86	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.67	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.19	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.76	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.83	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.75	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.66	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.61	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.36	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.84	ug/L	
120-12-7	Anthracene			not detected	2000	0.72	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.61	ug/L	
206-44-0	Fluoranthene			not detected	300	0.60	ug/L	
92-87-5	Benzidine			not detected	50	2.71	ug/L	
129-00-0	Pyrene			not detected	200	0.89	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.67	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.69	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.79	ug/L	
218-01-9	Chrysene			not detected	20	0.91	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.06	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.59	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.88	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.72	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.56	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.91	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.66	ug/L	

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

Qualifiers

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

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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW23**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20876 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2087611

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07424.D

Level: (low/med) LOW Date Received: 12/10/02

% Moisture: decanted: (Y/N) N Date Extracted: 12/11/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/13/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.37	10	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN06044.D**	Sample Name	**2088601**
Operator	**B.Patel**	Misc Info	**M8MW24**
Date Acquired	**19-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.27	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.78	ug/L	
62-53-3	Aniline			not detected	NLE	1.11	ug/L	
108-95-2	Phenol			not detected	4000	0.45	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.10	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.97	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.80	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.93	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.99	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.78	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.96	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.78	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	1.01	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.88	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.15	ug/L	
78-59-1	Isophorone			not detected	100	0.92	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.82	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.83	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.74	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.77	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.66	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.68	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.24	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.84	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.69	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.62	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.53	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.84	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.99	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.81	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.86	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.79	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.84	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.95	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.66	ug/L	
83-32-9	Acenaphthene			not detected	400	0.86	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.37	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.85	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.58	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN06044.D**	Sample Name	**2088601**
Operator	**B.Patel**	Misc Info	**M8MW24**
Date Acquired	**19-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.86	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.71	ug/L	
86-73-7	Fluorene			not detected	300	0.86	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.67	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.19	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.76	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.83	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.75	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.66	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.61	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.36	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.84	ug/L	
120-12-7	Anthracene			not detected	2000	0.72	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.61	ug/L	
206-44-0	Fluoranthene			not detected	300	0.60	ug/L	
92-87-5	Benzidine			not detected	50	2.71	ug/L	
129-00-0	Pyrene			not detected	200	0.89	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.67	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.69	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.79	ug/L	
218-01-9	Chrysene			not detected	20	0.91	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.06	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.59	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.88	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.72	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.56	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.91	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.66	ug/L	

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

Qualifiers

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

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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M8MW24**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20886 Location: M8 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 2088601

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN06044.D

Level: (low/med) LOW Date Received: 12/13/02

% Moisture: _____ decanted: (Y/N) N Date Extracted: 12/16/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/19/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

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

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.70	8	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN06043.D**	Sample Name	**2088508**
Operator	**B.Patel**	Misc Info	**697MW01**
Date Acquired	**19-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.27	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.78	ug/L	
62-53-3	Aniline			not detected	NLE	1.11	ug/L	
108-95-2	Phenol			not detected	4000	0.45	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.10	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.97	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.90	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.80	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.93	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.99	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.78	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.96	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.78	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	1.01	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.88	ug/L	
98-95-3	Nitrobenzene			not detected	10	1.15	ug/L	
78-59-1	Isophorone			not detected	100	0.92	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.82	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.83	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.74	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.77	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.66	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.68	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.24	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.84	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.69	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.62	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.53	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.84	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.99	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.81	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.86	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.79	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.84	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.95	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.66	ug/L	
83-32-9	Acenaphthene			not detected	400	0.86	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.37	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.85	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.58	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN06043.D**	Sample Name	**2088508**
Operator	**B.Patel**	Misc Info	**697MW01**
Date Acquired	**19-Dec-02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.86	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.71	ug/L	
86-73-7	Fluorene			not detected	300	0.86	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.67	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.19	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.76	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.83	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.75	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.66	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.61	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.36	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.84	ug/L	
120-12-7	Anthracene			not detected	2000	0.72	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.61	ug/L	
206-44-0	Fluoranthene			not detected	300	0.60	ug/L	
92-87-5	Benzidine			not detected	50	2.71	ug/L	
129-00-0	Pyrene			not detected	200	0.89	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.67	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.69	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.79	ug/L	
218-01-9	Chrysene			not detected	20	0.91	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.06	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.59	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.88	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.96	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.72	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	2.56	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.91	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.66	ug/L	

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

Qualifiers

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

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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **697MW01**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 20885 Location: M8 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 2088508

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN06043.D

Level: (low/med) LOW Date Received: 12/13/02

% Moisture: _____ decanted: (Y/N) N Date Extracted: 12/16/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/19/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.71	8	J

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

Client :	U.S. Army	**Lab. ID # :**	MB121202
	DPW, SELFM-PW-EV	**Date Rec'd:**	10-Dec-02
	Bldg. 173	**Extraction Date:**	12-Dec-02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	16-Jan-03
Analysis:	EPA Method 608	**Location :**	M8Wells
Matrix:	Aqueous		
Analyst:	A.A.	**Field ID:**	MB121202
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

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

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

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

Client :	U.S. Army	**Lab. ID # :**	2087602
	DPW, SELFM-PW-EV	**Date Rec'd:**	10-Dec-02
	Bldg. 173	**Extraction Date:**	12-Dec-02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	16-Jan-03
Analysis:	EPA Method 608	**Location :**	M8Wells
Matrix:	Aqueous		
Analyst:	A.A.	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

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

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

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

Client :	U.S. Army	**Lab. ID # :**	2087603
	DPW, SELFM-PW-EV	**Date Rec'd:**	10-Dec-02
	Bldg. 173	**Extraction Date:**	12-Dec-02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	16-Jan-03
Analysis:	EPA Method 608	**Location :**	M8Wells
Matrix:	Aqueous		
Analyst:	A.A.	**Field ID:**	Dupe
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

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

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

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

Client :	U.S. Army	**Lab. ID # :**	2087609
	DPW, SELFM-PW-EV	**Date Rec'd:**	10-Dec-02
	Bldg. 173	**Extraction Date:**	12-Dec-02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	16-Jan-03
Analysis:	EPA Method 608	**Location :**	M8Wells
Matrix:	Aqueous		
Analyst:	A.A.	**Field ID:**	M8MW13
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

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

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

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

Client :	U.S. Army	**Lab. ID # :**	2087610
	DPW, SELFM-PW-EV	**Date Rec'd:**	10-Dec-02
	Bldg. 173	**Extraction Date:**	12-Dec-02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	16-Jan-03
Analysis:	EPA Method 608	**Location :**	M8Wells
Matrix:	Aqueous		
Analyst:	A.A.	**Field ID:**	M8MW14
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

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

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

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

Client :	U.S. Army	**Lab. ID # :**	2087608
	DPW, SELFM-PW-EV	**Date Rec'd:**	10-Dec-02
	Bldg. 173	**Extraction Date:**	12-Dec-02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	16-Jan-03
Analysis:	EPA Method 608	**Location :**	M8Wells
Matrix:	Aqueous		
Analyst:	A.A.	**Field ID:**	M8MW18
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

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

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

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

Client :	U.S. Army	**Lab. ID # :**	2087607
	DPW, SELFM-PW-EV	**Date Rec'd:**	10-Dec-02
	Bldg. 173	**Extraction Date:**	12-Dec-02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	16-Jan-03
Analysis:	EPA Method 608	**Location :**	M8Wells
Matrix:	Aqueous		
Analyst:	A.A.	**Field ID:**	M8MW19
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

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

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

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

Client :	U.S. Army	**Lab. ID # :**	2087606
	DPW, SELFM-PW-EV	**Date Rec'd:**	10-Dec-02
	Bldg. 173	**Extraction Date:**	12-Dec-02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	16-Jan-03
Analysis:	EPA Method 608	**Location :**	M8Wells
Matrix:	Aqueous		
Analyst:	A.A.	**Field ID:**	M8MW20
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

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

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

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

Client :	U.S. Army	**Lab. ID # :**	2087605
	DPW, SELFM-PW-EV	**Date Rec'd:**	10-Dec-02
	Bldg. 173	**Extraction Date:**	12-Dec-02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	16-Jan-03
Analysis:	EPA Method 608	**Location :**	M8Wells
Matrix:	Aqueous		
Analyst:	A.A.	**Field ID:**	M8MW21
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

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

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

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

Client :	U.S. Army	**Lab. ID # :**	2087604
	DPW, SELFM-PW-EV	**Date Rec'd:**	10-Dec-02
	Bldg. 173	**Extraction Date:**	12-Dec-02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	16-Jan-03
Analysis:	EPA Method 608	**Location :**	M8Wells
Matrix:	Aqueous		
Analyst:	A.A.	**Field ID:**	M8MW22
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

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

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

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

Client :	U.S. Army	**Lab. ID # :**	2087611
	DPW, SELFM-PW-EV	**Date Rec'd:**	10-Dec-02
	Bldg. 173	**Extraction Date:**	12-Dec-02
	Ft. Monmouth, NJ 07703	**Analysis Date:**	16-Jan-03
Analysis:	EPA Method 608	**Location :**	M8Wells
Matrix:	Aqueous		
Analyst:	A.A.	**Field ID:**	M8MW23
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0011	**ND**
beta-BHC	1		0.20	0.0050	**ND**
gamma-BHC	1		0.20	0.0013	**ND**
delta-BHC	1		NLE	0.0016	**ND**
Heptachlor	1		0.40	0.0035	**ND**
Aldrin	1		0.04	0.0026	**ND**
Heptachlor Epoxide	1		0.20	0.0020	**ND**
Endosulfan I	1		0.40	0.0016	**ND**
4,4'-DDE	1		0.10	0.0021	**ND**
Dieldrin	1		0.03	0.0020	**ND**
Endrin	1		2.00	0.0032	**ND**
Endrin Ketone	1		NLE	0.0026	**ND**
Endosulfan II	1		0.40	0.0022	**ND**
4,4'-DDD	1		0.10	0.0020	**ND**
4,4'-DDT	1		0.10	0.0052	**ND**
Endosulfan-Sulfate	1		0.40	0.0026	**ND**
Alpha-chlordane	1		0.50	0.0036	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.1517	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

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

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um
PQL = Practical Quantitation Limit

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

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

Lab ID #: 20876
Sample Prepared: 10/11/02

Site: M8
Ft. Monmouth, New Jersey

Field ID#: Method Blank

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	12/18/02	20.9	200	10.0
Antimony	12/18/02	4.71	20	2.0
Arsenic	12/18/02	ND	8	2.0
Barium	12/18/02	2.05	2000	0.5
Beryllium	12/18/02	ND	20	0.5
Cadmium	12/18/02	ND	4	0.5
Calcium	12/18/02	135	NLE	20.0
Chromium	12/18/02	ND	100	0.5
Cobalt	12/18/02	ND	NLE	0.5
Copper	12/18/02	3.48	1000	2.0
Iron	12/18/02	135	300	2.0
Lead	12/18/02	ND	10	2.0
Magnesium	12/18/02	37.7	NLE	10.0
Manganese	12/18/02	11.4	50	0.5
Mercury	12/18/02	ND	2	0.1
Nickel	12/18/02	ND	100	1.0
Potassium	12/18/02	545	NLE	40.0
Selenium	12/18/02	3.71	50	3.0
Silver	12/18/02	3.27	20	1.0
Sodium	12/18/02	ND	50000	20.0
Thallium	12/18/02	ND	10	2.0
Vanadium	12/18/02	ND	NLE	0.5
Zinc	12/18/02	6.23	5000	5.0

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

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

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

Lab ID #: 20885
Sample Prepared: 12/18/02

Site: M8
Ft. Monmouth, New Jersey

Field ID#: Method Blank

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	12/26/02	39.6	200	10.0
Antimony	12/26/02	4.20	20	2.0
Arsenic	12/26/02	ND	8	2.0
Barium	12/26/02	ND	2000	0.5
Beryllium	12/26/02	ND	20	0.5
Cadmium	12/26/02	ND	4	0.5
Calcium	12/26/02	30.6	NLE	20.0
Chromium	12/26/02	ND	100	0.5
Cobalt	12/26/02	ND	NLE	0.5
Copper	12/26/02	ND	1000	2.0
Iron	12/26/02	48.9	300	2.0
Lead	12/26/02	ND	10	2.0
Magnesium	12/26/02	11.7	NLE	10.0
Manganese	12/26/02	ND	50	0.5
Mercury	12/31/02	ND	2	0.1
Nickel	12/26/02	ND	100	1.0
Potassium	12/26/02	334	NLE	40.0
Selenium	12/26/02	ND	50	3.0
Silver	12/26/02	ND	20	1.0
Sodium	12/26/02	ND	50000	20.0
Thallium	12/26/02	ND	10	2.0
Vanadium	12/26/02	ND	NLE	0.5
Zinc	12/26/02	ND	5000	5.0

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

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

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

Lab ID #: 2088502
Sample Received: 12/13/02
Sample Matrix: Aqueous

Site: M8
Ft. Monmouth, New Jersey

Field ID#: Field Blank

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	12/26/02	34.1	200	10.0
Antimony	12/26/02	ND	20	2.0
Arsenic	12/26/02	ND	8	2.0
Barium	12/26/02	0.814	2000	0.5
Beryllium	12/26/02	ND	20	0.5
Cadmium	12/26/02	ND	4	0.5
Calcium	12/26/02	153	NLE	20.0
Chromium	12/26/02	ND	100	0.5
Cobalt	12/26/02	ND	NLE	0.5
Copper	12/26/02	ND	1000	2.0
Iron	12/26/02	ND	300	10.0
Lead	12/26/02	ND	10	1.0
Magnesium	12/26/02	ND	NLE	10.0
Manganese	12/26/02	ND	50	0.5
Mercury	12/31/02	ND	2	0.1
Nickel	12/26/02	ND	100	1.0
Potassium	12/26/02	72.2	NLE	40.0
Selenium	12/26/02	ND	50	3.0
Silver	12/26/02	ND	20	1.0
Sodium	12/26/02	778	50000	20.0
Thallium	12/26/02	ND	10	2.0
Vanadium	12/26/02	ND	NLE	0.5
Zinc	12/26/02	ND	5000	5.0

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

4Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

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

Lab ID #: 2087602
Sample Received: 12/10/02
Sample Matrix: Aqueous

Site: M8
Ft. Monmouth, New Jersey

Field ID#: Field Blank

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	12/26/02	57.5	200	10.0
Antimony	12/26/02	2.76	20	2.0
Arsenic	12/26/02	ND	8	2.0
Barium	12/26/02	5.59	2000	0.5
Beryllium	12/26/02	ND	20	0.5
Cadmium	12/26/02	ND	4	0.5
Calcium	12/26/02	216	NLE	20.0
Chromium	12/26/02	0.714	100	0.5
Cobalt	12/26/02	ND	NLE	0.5
Copper	12/26/02	ND	1000	2.0
Iron	12/26/02	ND	300	10.0
Lead	12/26/02	ND	10	1.0
Magnesium	12/26/02	17.6	NLE	10.0
Manganese	12/26/02	ND	50	0.5
Mercury	12/23/02	ND	2	0.1
Nickel	12/26/02	ND	100	1.0
Potassium	12/26/02	ND	NLE	40.0
Selenium	12/26/02	5.67	50	3.0
Silver	12/26/02	ND	20	1.0
Sodium	12/26/02	1150	50000	20.0
Thallium	12/26/02	ND	10	2.0
Vanadium	12/26/02	ND	NLE	0.5
Zinc	12/26/02	ND	5000	5.0

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

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

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

Lab ID #: 2087603
Sample Received: 12/10/02
Sample Matrix: Aqueous

Site: M8
Ft. Monmouth, New Jersey

Field ID#: Dupe

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	12/26/02	16.7	200	10.0
Antimony	12/26/02	ND	20	2.0
Arsenic	12/26/02	ND	8	2.0
Barium	12/26/02	93.1	2000	0.5
Beryllium	12/26/02	ND	20	0.5
Cadmium	12/26/02	ND	4	0.5
Calcium	12/26/02	47100	NLE	20.0
Chromium	12/26/02	ND	100	0.5
Cobalt	12/26/02	ND	NLE	0.5
Copper	12/26/02	ND	1000	2.0
Iron	12/26/02	17900	300	10.0
Lead	12/26/02	ND	10	1.0
Magnesium	12/26/02	9720	NLE	10.0
Manganese	12/26/02	2310	50	0.5
Mercury	12/23/02	ND	2	0.1
Nickel	12/26/02	ND	100	1.0
Potassium	12/26/02	4950	NLE	40.0
Selenium	12/26/02	ND	50	3.0
Silver	12/26/02	ND	20	1.0
Sodium	12/26/02	29000	50000	20.0
Thallium	12/26/02	ND	10	2.0
Vanadium	12/26/02	1.57	NLE	0.5
Zinc	12/26/02	13.1	5000	5.0

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

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

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

Lab ID #: 2088503
Sample Received: 12/13/02
Sample Matrix: Aqueous

Site: M8
Ft. Monmouth, New Jersey

Field ID#: Dupe

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	12/26/02	15.5	200	10.0
Antimony	12/26/02	3.46	20	2.0
Arsenic	12/26/02	ND	8	2.0
Barium	12/26/02	44.0	2000	0.5
Beryllium	12/26/02	ND	20	0.5
Cadmium	12/26/02	0.588	4	0.5
Calcium	12/26/02	26600	NLE	20.0
Chromium	12/26/02	ND	100	0.5
Cobalt	12/26/02	5.32	NLE	0.5
Copper	12/26/02	2.76	1000	2.0
Iron	12/26/02	851	300	10.0
Lead	12/26/02	ND	10	1.0
Magnesium	12/26/02	10500	NLE	10.0
Manganese	12/26/02	43.1	50	0.5
Mercury	12/31/02	ND	2	0.1
Nickel	12/26/02	24.5	100	1.0
Potassium	12/26/02	3350	NLE	40.0
Selenium	12/26/02	ND	50	3.0
Silver	12/26/02	ND	20	1.0
Sodium	12/26/02	44600	50000	20.0
Thallium	12/26/02	ND	10	2.0
Vanadium	12/26/02	ND	NLE	0.5
Zinc	12/26/02	23.4	5000	5.0

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

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

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

Lab ID #: 2088504
Sample Received: 12/13/02
Sample Matrix: Aqueous

Site: M8
Ft. Monmouth, New Jersey

Field ID#: M8MW12

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	12/26/02	133	200	10.0
Antimony	12/26/02	ND	20	2.0
Arsenic	12/26/02	6.46	8	2.0
Barium	12/26/02	7.47	2000	0.5
Beryllium	12/26/02	ND	20	0.5
Cadmium	12/26/02	0.669	4	0.5
Calcium	12/26/02	15700	NLE	20.0
Chromium	12/26/02	1.14	100	0.5
Cobalt	12/26/02	1.15	NLE	0.5
Copper	12/26/02	ND	1000	2.0
Iron	12/26/02	24900	300	10.0
Lead	12/26/02	ND	10	1.0
Magnesium	12/26/02	4610	NLE	10.0
Manganese	12/26/02	64.2	50	0.5
Mercury	12/31/02	ND	2	0.1
Nickel	12/26/02	ND	100	1.0
Potassium	12/26/02	2560	NLE	40.0
Selenium	12/26/02	ND	50	3.0
Silver	12/26/02	ND	20	1.0
Sodium	12/26/02	50400	50000	20.0
Thallium	12/26/02	ND	10	2.0
Vanadium	12/26/02	3.77	NLE	0.5
Zinc	12/26/02	10.7	5000	5.0

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

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

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

Lab ID #: 2087609
Sample Received: 12/10/02
Sample Matrix: Aqueous

Site: M8
Ft. Monmouth, New Jersey

Field ID#: M8MW13

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	12/26/02	12.6	200	10.0
Antimony	12/26/02	2.55	20	2.0
Arsenic	12/26/02	ND	8	2.0
Barium	12/26/02	67.7	2000	0.5
Beryllium	12/26/02	ND	20	0.5
Cadmium	12/26/02	ND	4	0.5
Calcium	12/26/02	181000	NLE	20.0
Chromium	12/26/02	2.41	100	0.5
Cobalt	12/26/02	ND	NLE	0.5
Copper	12/26/02	12.2	1000	2.0
Iron	12/26/02	5940	300	10.0
Lead	12/26/02	ND	10	1.0
Magnesium	12/26/02	96700	NLE	10.0
Manganese	12/26/02	204	50	0.5
Mercury	12/23/02	0.13	2	0.1
Nickel	12/26/02	8.18	100	1.0
Potassium	12/26/02	37800	NLE	40.0
Selenium	12/26/02	6.01	50	3.0
Silver	12/26/02	1.85	20	1.0
Sodium	12/26/02	700000	50000	20.0
Thallium	12/26/02	ND	10	2.0
Vanadium	12/26/02	0.747	NLE	0.5
Zinc	12/26/02	475	5000	5.0

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

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

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

Lab ID #: 2087610
Sample Received: 12/10/02
Sample Matrix: Aqueous

Site: M8
Ft. Monmouth, New Jersey

Field ID#: M8MW14

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	12/26/02	49.3	200	10.0
Antimony	12/26/02	ND	20	2.0
Arsenic	12/26/02	ND	8	2.0
Barium	12/26/02	65.2	2000	0.5
Beryllium	12/26/02	ND	20	0.5
Cadmium	12/26/02	ND	4	0.5
Calcium	12/26/02	97100	NLE	20.0
Chromium	12/26/02	1.16	100	0.5
Cobalt	12/26/02	1.88	NLE	0.5
Copper	12/26/02	5.68	1000	2.0
Iron	12/26/02	4940	300	10.0
Lead	12/26/02	ND	10	1.0
Magnesium	12/26/02	9440	NLE	10.0
Manganese	12/26/02	235	50	0.5
Mercury	12/23/02	ND	2	0.1
Nickel	12/26/02	8.45	100	1.0
Potassium	12/26/02	9010	NLE	40.0
Selenium	12/26/02	ND	50	3.0
Silver	12/26/02	1.95	20	1.0
Sodium	12/26/02	18500	50000	20.0
Thallium	12/26/02	ND	10	2.0
Vanadium	12/26/02	ND	NLE	0.5
Zinc	12/26/02	34.9	5000	5.0

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

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

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

Lab ID #: 2088505
Sample Received: 12/13/02
Sample Matrix: Aqueous

Site: M8
Ft. Monmouth, New Jersey

Field ID#: M8MW15

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	12/26/02	171	200	10.0
Antimony	12/26/02	ND	20	2.0
Arsenic	12/26/02	ND	8	2.0
Barium	12/26/02	39.1	2000	0.5
Beryllium	12/26/02	ND	20	0.5
Cadmium	12/26/02	ND	4	0.5
Calcium	12/26/02	36500	NLE	20.0
Chromium	12/26/02	1.89	100	0.5
Cobalt	12/26/02	ND	NLE	0.5
Copper	12/26/02	13.8	1000	2.0
Iron	12/26/02	4240	300	10.0
Lead	12/26/02	ND	10	1.0
Magnesium	12/26/02	6730	NLE	10.0
Manganese	12/26/02	39.2	50	0.5
Mercury	12/31/02	ND	2	0.1
Nickel	12/26/02	8.89	100	1.0
Potassium	12/26/02	3940	NLE	40.0
Selenium	12/26/02	ND	50	3.0
Silver	12/26/02	ND	20	1.0
Sodium	12/26/02	37600	50000	20.0
Thallium	12/26/02	ND	10	2.0
Vanadium	12/26/02	2.07	NLE	0.5
Zinc	12/26/02	53.4	5000	5.0

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

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

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

Lab ID #: 2088506
Sample Received: 12/13/02
Sample Matrix: Aqueous

Site: M8
Ft. Monmouth, New Jersey

Field ID#: M8MW16

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	12/26/02	1440	200	10.0
Antimony	12/26/02	ND	20	2.0
Arsenic	12/26/02	ND	8	2.0
Barium	12/26/02	45.1	2000	0.5
Beryllium	12/26/02	0.978	20	0.5
Cadmium	12/26/02	20.8	4	0.5
Calcium	12/26/02	149000	NLE	20.0
Chromium	12/26/02	2.84	100	0.5
Cobalt	12/26/02	9.94	NLE	0.5
Copper	12/26/02	35.5	1000	2.0
Iron	12/26/02	7560	300	10.0
Lead	12/26/02	ND	10	1.0
Magnesium	12/26/02	44300	NLE	10.0
Manganese	12/26/02	738	50	0.5
Mercury	12/31/02	0.98	2	0.1
Nickel	12/26/02	43.1	100	1.0
Potassium	12/26/02	18300	NLE	40.0
Selenium	12/26/02	ND	50	3.0
Silver	12/26/02	ND	20	1.0
Sodium	12/26/02	119000	50000	20.0
Thallium	12/26/02	ND	10	2.0
Vanadium	12/26/02	0.705	NLE	0.5
Zinc	12/26/02	956	5000	5.0

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

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

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

Lab ID #: 2088507
Sample Received: 12/13/02
Sample Matrix: Aqueous

Site: M8
Ft. Monmouth, New Jersey

Field ID#: M8MW17

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	12/26/02	26.1	200	10.0
Antimony	12/26/02	3.23	20	2.0
Arsenic	12/26/02	3.18	8	2.0
Barium	12/26/02	46.5	2000	0.5
Beryllium	12/26/02	ND	20	0.5
Cadmium	12/26/02	ND	4	0.5
Calcium	12/26/02	135000	NLE	20.0
Chromium	12/26/02	ND	100	0.5
Cobalt	12/26/02	0.696	NLE	0.5
Copper	12/26/02	ND	1000	2.0
Iron	12/26/02	5450	300	10.0
Lead	12/26/02	ND	10	1.0
Magnesium	12/26/02	11000	NLE	10.0
Manganese	12/26/02	85.2	50	0.5
Mercury	12/31/02	ND	2	0.1
Nickel	12/26/02	ND	100	1.0
Potassium	12/26/02	2760	NLE	40.0
Selenium	12/26/02	ND	50	3.0
Silver	12/26/02	ND	20	1.0
Sodium	12/26/02	12700	50000	20.0
Thallium	12/26/02	ND	10	2.0
Vanadium	12/26/02	1.96	NLE	0.5
Zinc	12/26/02	15.6	5000	5.0

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

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

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

Lab ID #: 2087608
Sample Received: 12/10/02
Sample Matrix: Aqueous

Site: M8
Ft. Monmouth, New Jersey

Field ID#: M8MW18

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	12/26/02	139	200	10.0
Antimony	12/26/02	ND	20	2.0
Arsenic	12/26/02	ND	8	2.0
Barium	12/26/02	397	2000	0.5
Beryllium	12/26/02	ND	20	0.5
Cadmium	12/26/02	ND	4	0.5
Calcium	12/26/02	111000	NLE	20.0
Chromium	12/26/02	2.17	100	0.5
Cobalt	12/26/02	0.962	NLE	0.5
Copper	12/26/02	4.92	1000	2.0
Iron	12/26/02	12000	300	10.0
Lead	12/26/02	16.4	10	1.0
Magnesium	12/26/02	49700	NLE	10.0
Manganese	12/26/02	351	50	0.5
Mercury	12/23/02	ND	2	0.1
Nickel	12/26/02	4.44	100	1.0
Potassium	12/26/02	27300	NLE	40.0
Selenium	12/26/02	ND	50	3.0
Silver	12/26/02	ND	20	1.0
Sodium	12/26/02	243000	50000	20.0
Thallium	12/26/02	ND	10	2.0
Vanadium	12/26/02	1.59	NLE	0.5
Zinc	12/26/02	190	5000	5.0

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

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

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

Lab ID #: 2087607
Sample Received: 12/10/02
Sample Matrix: Aqueous

Site: M8
Ft. Monmouth, New Jersey

Field ID#: M8MW19

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	12/26/02	49.7	200	10.0
Antimony	12/26/02	ND	20	2.0
Arsenic	12/26/02	ND	8	2.0
Barium	12/26/02	44.9	2000	0.5
Beryllium	12/26/02	ND	20	0.5
Cadmium	12/26/02	ND	4	0.5
Calcium	12/26/02	119000	NLE	20.0
Chromium	12/26/02	0.904	100	0.5
Cobalt	12/26/02	0.674	NLE	0.5
Copper	12/26/02	ND	1000	2.0
Iron	12/26/02	5030	300	10.0
Lead	12/26/02	ND	10	1.0
Magnesium	12/26/02	20900	NLE	10.0
Manganese	12/26/02	164	50	0.5
Mercury	12/23/02	ND	2	0.1
Nickel	12/26/02	10.0	100	1.0
Potassium	12/26/02	6690	NLE	40.0
Selenium	12/26/02	ND	50	3.0
Silver	12/26/02	1.24	20	1.0
Sodium	12/26/02	95300	50000	20.0
Thallium	12/26/02	ND	10	2.0
Vanadium	12/26/02	ND	NLE	0.5
Zinc	12/26/02	18.5	5000	5.0

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

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

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

Lab ID #: 2087606
Sample Received: 09/23/02
Sample Matrix: Aqueous

Site: M8
Ft. Monmouth, New Jersey

Field ID#: M8MW20

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	12/26/02	120	200	10.0
Antimony	12/26/02	ND	20	2.0
Arsenic	12/26/02	ND	8	2.0
Barium	12/26/02	15.1	2000	0.5
Beryllium	12/26/02	ND	20	0.5
Cadmium	12/26/02	1.0	4	0.5
Calcium	12/26/02	27700	NLE	20.0
Chromium	12/26/02	18.8	100	0.5
Cobalt	12/26/02	ND	NLE	0.5
Copper	12/26/02	3.00	1000	2.0
Iron	12/26/02	2420	300	10.0
Lead	12/26/02	ND	10	1.0
Magnesium	12/26/02	51100	NLE	10.0
Manganese	12/26/02	23.1	50	0.5
Mercury	12/23/02.	ND	2	0.1
Nickel	12/26/02	ND	100	1.0
Potassium	12/26/02	31900	NLE	40.0
Selenium	12/26/02	10.0	50	3.0
Silver	12/26/02	ND	20	1.0
Sodium	12/26/02	378000	50000	20.0
Thallium	12/26/02	ND	10	2.0
Vanadium	12/26/02	18.2	NLE	0.5
Zinc	12/26/02	55.0	5000	5.0

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

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

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

Lab ID #: 2087605
Sample Received: 12/10/02
Sample Matrix: Aqueous

Site: M8
Ft. Monmouth, New Jersey

Field ID#: M8MW21

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	12/26/02	278	200	10.0
Antimony	12/26/02	2.58	20	2.0
Arsenic	12/26/02	ND	8	2.0
Barium	12/26/02	26.9	2000	0.5
Beryllium	12/26/02	ND	20	0.5
Cadmium	12/26/02	ND	4	0.5
Calcium	12/26/02	124000	NLE	20.0
Chromium	12/26/02	3.09	100	0.5
Cobalt	12/26/02	ND	NLE	0.5
Copper	12/26/02	8.29	1000	2.0
Iron	12/26/02	4470	300	10.0
Lead	12/26/02	ND	10	1.0
Magnesium	12/26/02	100000	NLE	10.0
Manganese	12/26/02	70.2	50	0.5
Mercury	12/23/02	ND	2	0.1
Nickel	12/26/02	7.14	100	1.0
Potassium	12/26/02	39200	NLE	40.0
Selenium	12/26/02	9.46	50	3.0
Silver	12/26/02	1.57	20	1.0
Sodium	12/26/02	785000	50000	20.0
Thallium	12/26/02	ND	10	2.0
Vanadium	12/26/02	1.68	NLE	0.5
Zinc	12/26/02	274	5000	5.0

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

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

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

Lab ID #: 2087604
Sample Received: 12/10/02
Sample Matrix: Aqueous

Site: M8
Ft. Monmouth, New Jersey

Field ID#: M8MW22

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	12/26/02	37.8	200	10.0
Antimony	12/26/02	ND	20	2.0
Arsenic	12/26/02	ND	8	2.0
Barium	12/26/02	29.4	2000	0.5
Beryllium	12/26/02	ND	20	0.5
Cadmium	12/26/02	2.36	4	0.5
Calcium	12/26/02	101000	NLE	20.0
Chromium	12/26/02	1.59	100	0.5
Cobalt	12/26/02	9.61	NLE	0.5
Copper	12/26/02	31.0	1000	2.0
Iron	12/26/02	70200	300	10.0
Lead	12/26/02	1.67	10	1.0
Magnesium	12/26/02	181000	NLE	10.0
Manganese	12/26/02	597	50	0.5
Mercury	12/23/02	ND	2	0.1
Nickel	12/26/02	20.4	100	1.0
Potassium	12/26/02	91600	NLE	40.0
Selenium	12/26/02	11.6	50	3.0
Silver	12/26/02	ND	20	1.0
Sodium	12/26/02	2060000	50000	20.0
Thallium	12/26/02	ND	10	2.0
Vanadium	12/26/02	ND	NLE	0.5
Zinc	12/26/02	847	5000	5.0

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

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

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

Lab ID #: 2087611
Sample Received: 12/10/02
Sample Matrix: Aqueous

Site: M8
Ft. Monmouth, New Jersey

Field ID#: M8MW23

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	12/26/02	45.8	200	10.0
Antimony	12/26/02	ND	20	2.0
Arsenic	12/26/02	ND	8	2.0
Barium	12/26/02	91.1	2000	0.5
Beryllium	12/26/02	ND	20	0.5
Cadmium	12/26/02	ND	4	0.5
Calcium	12/26/02	44900	NLE	20.0
Chromium	12/26/02	ND	100	0.5
Cobalt	12/26/02	ND	NLE	0.5
Copper	12/26/02	ND	1000	2.0
Iron	12/26/02	17100	300	10.0
Lead	12/26/02	ND	10	1.0
Magnesium	12/26/02	9230	NLE	10.0
Manganese	12/26/02	2190	50	0.5
Mercury	12/23/02	ND	2	0.1
Nickel	12/26/02	ND	100	1.0
Potassium	12/26/02	5050	NLE	40.0
Selenium	12/26/02	ND	50	3.0
Silver	12/26/02	1.31	20	1.0
Sodium	12/26/02	27700	50000	20.0
Thallium	12/26/02	ND	10	2.0
Vanadium	12/26/02	1.39	NLE	0.5
Zinc	12/26/02	111	5000	5.0

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

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

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

Lab ID #: 2088601
Sample Received: 12/13/02
Sample Matrix: AQ

Site: M8

Field ID: 00M8MW24

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	12/26/02	18.9	200	10.0
Antimony	12/26/02	ND	20	2.0
Arsenic	12/26/02	ND	8	2.0
Barium	12/26/02	136	2000	0.5
Beryllium	12/26/02	ND	20	0.5
Cadmium	12/26/02	ND	4	0.5
Calcium	12/26/02	54500	NLE	20.0
Chromium	12/26/02	ND	100	0.5
Cobalt	12/26/02	ND	NLE	0.5
Copper	12/26/02	ND	1000	2.0
Iron	12/26/02	7080	300	2.0
Lead	12/26/02	ND	10	1.0
Magnesium	12/26/02	7700	NLE	10.0
Manganese	12/26/02	56.1	50	0.5
Mercury	12/31/02	ND	2	0.1
Nickel	12/26/02	ND	100	1.0
Potassium	12/26/02	9710	NLE	40.0
Selenium	12/26/02	ND	50	3.0
Silver	12/26/02	ND	20	1.0
Sodium	12/26/02	23300	50000	20.0
Thallium	12/26/02	ND	10	2.0
Vanadium	12/26/02	ND	NLE	0.5
Zinc	12/26/02	ND	5000	5.0

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

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

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

Lab ID #: 2088508
Sample Received: 12/13/02
Sample Matrix: Aqueous

Site: M8
Ft. Monmouth, New Jersey

Field ID#: 697MW01

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	12/26/02	36.8	200	10.0
Antimony	12/26/02	ND	20	2.0
Arsenic	12/26/02	ND	8	2.0
Barium	12/26/02	40.9	2000	0.5
Beryllium	12/26/02	ND	20	0.5
Cadmium	12/26/02	0.559	4	0.5
Calcium	12/26/02	25500	NLE	20.0
Chromium	12/26/02	ND	100	0.5
Cobalt	12/26/02	4.87	NLE	0.5
Copper	12/26/02	ND	1000	2.0
Iron	12/26/02	1060	300	10.0
Lead	12/26/02	ND	10	1.0
Magnesium	12/26/02	9820	NLE	10.0
Manganese	12/26/02	45.9	50	0.5
Mercury	12/31/02	ND	2	0.1
Nickel	12/26/02	23.2	100	1.0
Potassium	12/26/02	3220	NLE	40.0
Selenium	12/26/02	ND	50	3.0
Silver	12/26/02	ND	20	1.0
Sodium	12/26/02	40600	50000	20.0
Thallium	12/26/02	ND	10	2.0
Vanadium	12/26/02	ND	NLE	0.5
Zinc	12/26/02	16.9	5000	5.0

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

	Lab	Tetra chloro ethene	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	1	200	300	50	50000	8	100	10	-	-
06/24/1997	FMETL	5.04	56	370	22	38400	-	-	-	9.45	V,S,P,M
08/25/1997	FMETL	4.96	170.4	760	43	32350	-	-	-	9.80	V,S,P,M
10/31/1997	FMETL	7.64	182	19	7.7	18610	-	-	-	10.10	V,S,P,M
02/25/1998	FMETL	2.25	7205	18860	34.8	15640	-	-	-	7.31	V,S,P,M
06/04/1998	FMETL	5.49	1210	6520	14.1	16820	-	-	-	8.41	V,S,P,M
08/28/1998	FMETL	5.56	6580	18800	55.5	30700	-	-	-	10.29	V,S,P,M
11/04/1998	FMETL	21.68	1110	3360	13	22100	-	-	-	10.86	V,S,P,M
01/27/1999	FMETL	4.27	5040	16700	27.3	20800	ND	42.5	3	8.84	V,S,P,M
06/22/1999	FMETL	46.06	197	1380	13.6	38000	ND	1.53	ND	9.91	V,S,P,M
09/23/1999	FMETL	11.77	1930	5190	12.9	25000	ND	14.4	ND	9.52	V,S,P,M
12/28/1999	FMETL	19.76	ND	144	6.80	24100	ND	0.978	ND	8.76	V,S,P,M
03/15/2000	FMETL	15.64	1240	3860	12.0	16800	ND	4.78	ND	8.86	V,S,P,M
06/05/2000	FMETL	10.89	355	3090	12.4	36400	ND	5.75	ND	9.28	V,S,P,M
06/05/2000D	FMETL	6.66	253	2970	12.1	36200	ND	4.74	ND	9.28	V,S,P,M
09/06/2000	FMETL	7.63	1760	8540	13.9	43600	3.59	ND	ND	9.06	V,S,P,M
09/06/2000D	FMETL	6.93	1410	8760	17.0	44600	2.68	ND	1.40	9.06	V,S,P,M
12/13/2000	FMETL	3.42	401	2100	6.29	27000	ND	4.12	ND	9.86	V,S,P,M
12/13/2000D	FMETL	6.68	434	2320	6.77	26900	ND	4.90	ND	9.86	V,S,P,M
03/20/2001	FMETL	4.72	870	3420	19.3	29800	ND	8.60	3.00	8.54	V,S,P,M
06/08/2001	FMETL	6.59	508	14000	136	82300	5.65	4.84	1.46	8.47	V,S,P,M
06/08/2001D	FMETL	6.41	409	13500	135	82200	6.64	4.09	1.53	8.47	V,S,P,M
09/24/2001	FMETL	7.24	2530	23300	148	125000	ND	22.0	2.97	10.30	V,S,P,M
12/17/2001	FMETL	25.43	290	14800	67.8	101000	ND	3.56	2.08	10.81	V,S,P,M
12/17/2001D	FMETL	15.60	328	15200	63.8	97500	3.41	4.25	3.23	10.81	V,S,P,M
03/21/2002	FMETL	29.19	568	4750	19.6	74000	4.44	4.66	ND	9.49	V,S,P,M
06/11/2002	FMETL	29.04	553	3890	21.1	62700	ND	4.79	ND	8.75	V,S,P,M
09/23/2002	FMETL	11.44	847	42100	156	51200	16.8	9.05	3.78	9.42	V,S,P,M
12/13/2002	FMETL	9.51	133	24900	64.2	50400	6.46	1.14	ND	8.08	V,S,P,M

SOURCE: 00M8MW12

Sampling Dates:
06/24/1997 - 12/13/2002

NOTES:

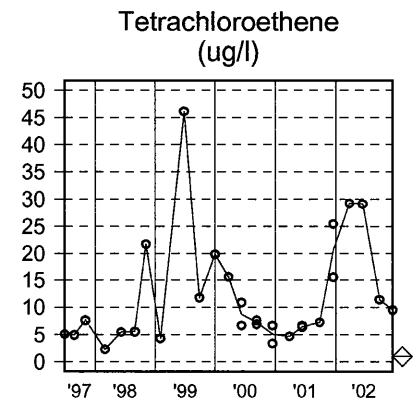
FORT MONMOUTH

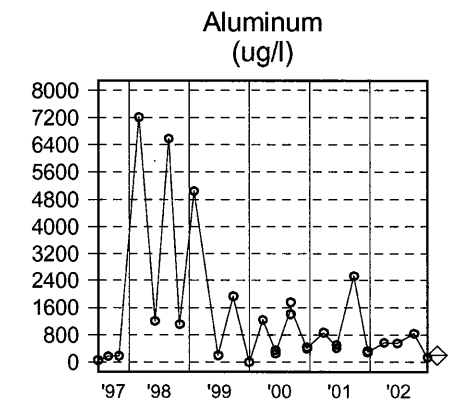
GW MONITORING
M-8 Bldg 697

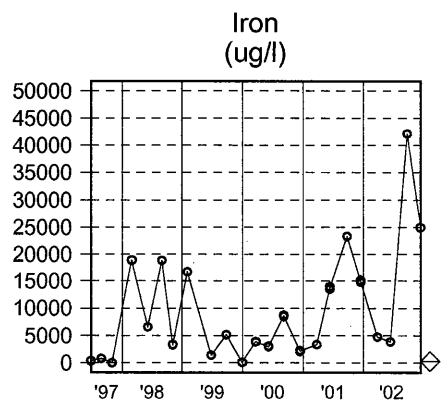
Source 1 of 14

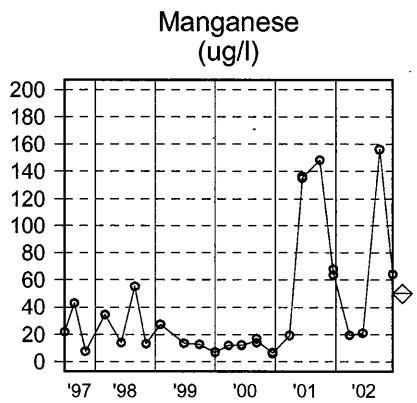
Silver in blank > Criteria, sample date 6/97.

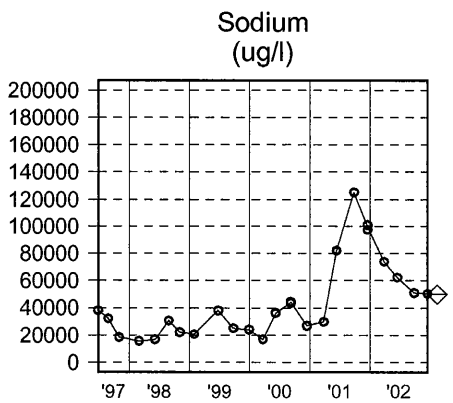
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

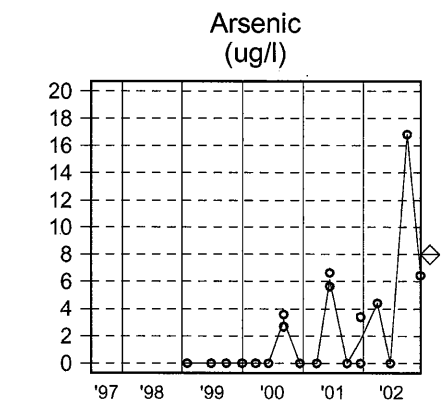


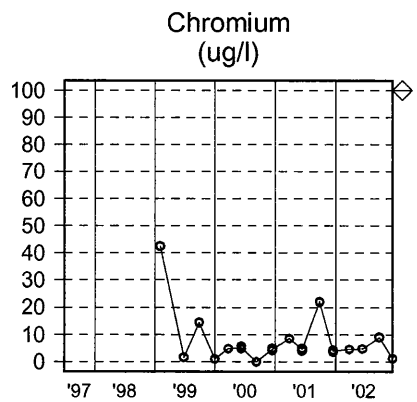


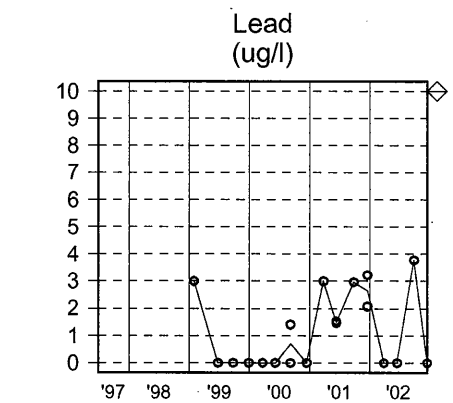


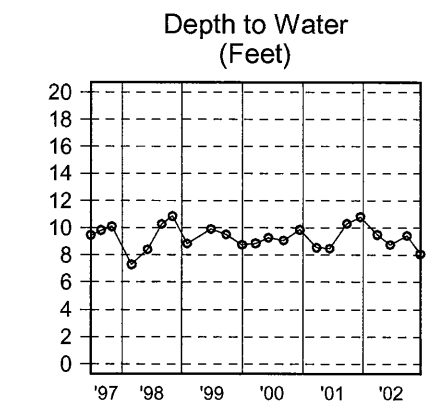












SOURCE: 00M8MW12

Sampling Dates:
06/24/1997 - 12/13/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 1 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

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

02-13-2003 X:\MtechData\M-8\M8.WSF

	Lab	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	200	300	50	50000	8	100	10	-		-
06/24/1997	FMETL	364	23650	148	1083000	-	-	-	7.00		V,S,P,M
08/25/1997	FMETL	661	21830	135	155200	-	-	-	7.00		V,S,P,M
10/31/1997	FMETL	231	12560	234	3854000	-	-	-	7.00		V,S,P,M
02/25/1998	FMETL	3514	12190	35.5	113900	-	-	-	5.95		V,S,P,M
06/04/1998	FMETL	2039	41310	170	13970	-	-	-	6.71		V,S,P,M
08/28/1998	FMETL	225	24800	165	3540000	-	-	-	6.42		V,S,P,M
11/04/1998	FMETL	292	18300	160	4500000	-	-	-	6.17		V,S,P,M
01/27/1999	FMETL	577	5640	30.5	139000	ND	7.72	3.61	6.51		V,S,P,M
06/22/1999	FMETL	1720	26200	204	2800000	3.12	3.05	ND	6.78		V,S,P,M
09/23/1999	FMETL	138	14400	149	1420000	ND	11.1	3.76	6.30		V,S,P,M
12/28/1999	FMETL	360	6410	14.3	204000	ND	7.09	5.96	6.83		V,S,P,M
03/15/2000	FMETL	815	6950	9.23	131000	2.31	8.32	4.14	6.62		V,S,P,M
06/05/2000	FMETL	141	13900	207	364000	3.01	22.4	ND	6.05		V,S,P,M
09/06/2000	FMETL	642	12300	65.0	489000	2.59	ND	27.0	6.66		V,S,P,M
12/13/2000	FMETL	1490	15600	70.9	379000	7.46	18.4	10.6	7.12		V,S,P,M
03/20/2001	FMETL	870	3440	19.2	29500	ND	8.90	1.00	6.56		V,S,M,P
06/08/2001	FMETL	1180	42800	561	364000	6.69	7.62	31.2	6.76		V,S,P,M
09/24/2001	FMETL	660	64900	636	2570000	ND	9.64	6.13	6.84		V,S,P,M
12/17/2001	FMETL	1270	68700	409	ND	6.01	10.0	29.3	5.64		V,S,P,M
03/21/2002	FMETL	506	3430	25.1	240000	4.37	3.47	4.62	6.47		V,S,P,M
06/11/2002	FMETL	883	5770	97.4	504000	ND	6.88	8.08	6.40		V,S,P,M
09/23/2002	FMETL	179	38200	421	2110000	ND	5.43	5.99	5.58		V,S,P,M
12/10/2002	FMETL	12.6	5940	204	700000	ND	2.41	ND	5.21		V,S,P,M

SOURCE: 00M8MW13

Sampling Dates:
06/24/1997 - 12/10/2002

NOTES:

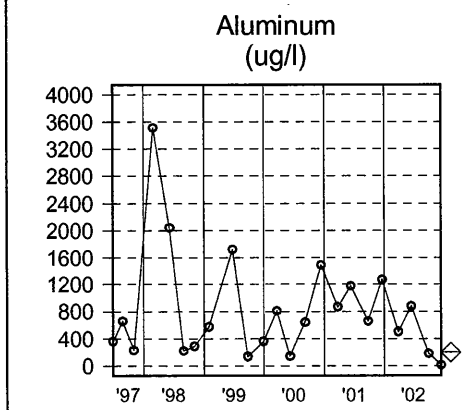
FORT MONMOUTH

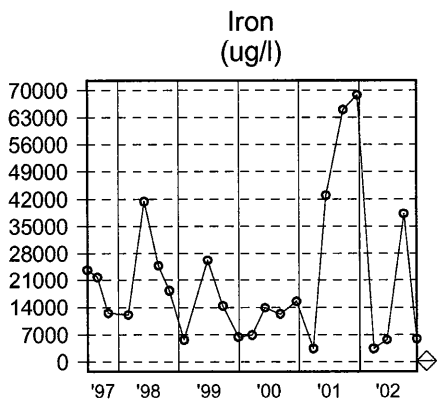
GW MONITORING
M-8 Bldg 697

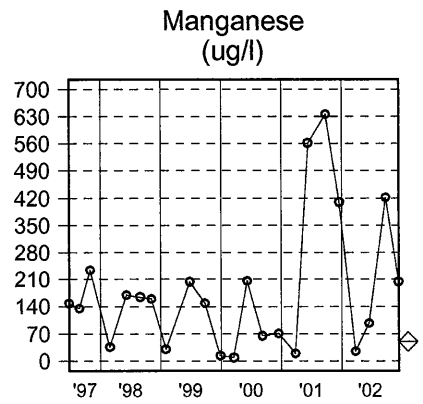
Source 2 of 14

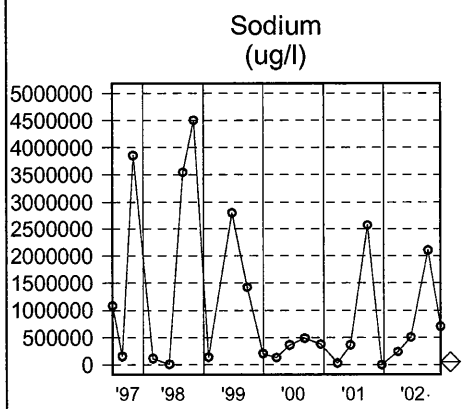
Silver in blank > Criteria, sample date 6/97.

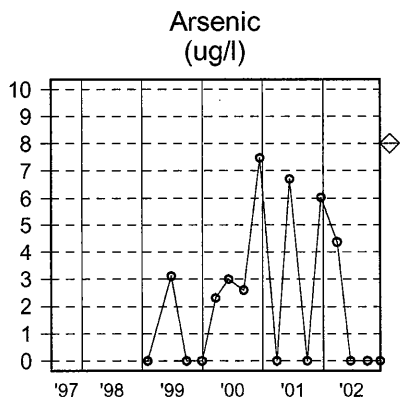
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

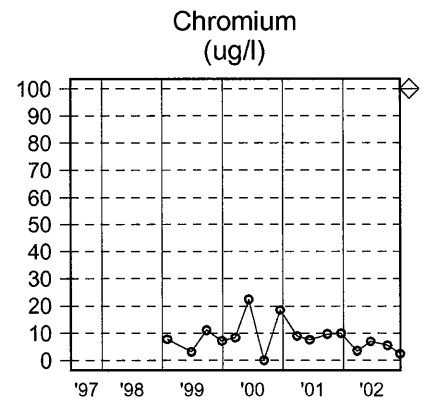


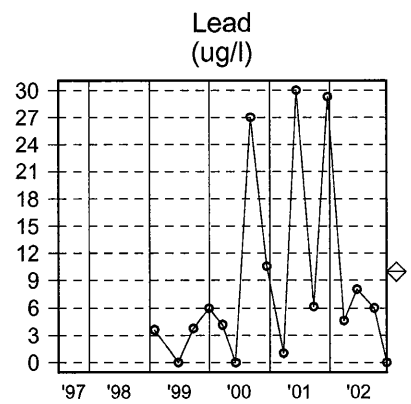


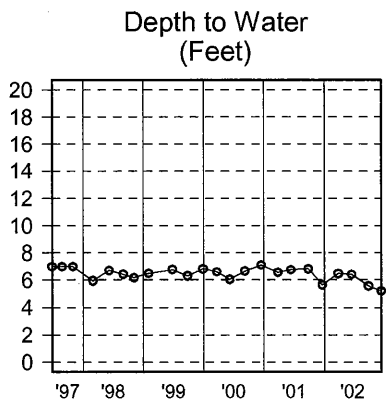












SOURCE: 00M8MW13

Sampling Dates:
06/24/1997 - 12/10/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 2 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

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

02-13-2003 X:\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	4	200	300	50	50000	8	100	10	-	-
06/24/1997	FMETL	16	227	47000	288	179000	-	-	-	8.05	V,S,P,M
08/25/1997	FMETL	6.49	65	20880	549	125800	-	-	-	8.15	V,S,P,M
10/31/1997	FMETL	4.38	203	25450	340	182300	-	-	-	8.30	V,S,P,M
02/25/1998	FMETL	4.97	1029	33710	366	109200	-	-	-	6.22	V,S,P,M
06/04/1998	FMETL	7.79	727	43420	332	204600	-	-	-	7.68	V,S,P,M
08/28/1998	FMETL	6.47	275	34800	315	288000	-	-	-	8.34	V,S,P,M
11/04/1998	FMETL	6.21	226	41900	380	447000	-	-	-	8.19	V,S,P,M
01/27/1999	FMETL	3.95	215	37400	402	195000	ND	10.6	2.73	7.45	V,S,P,M
06/22/1999	FMETL	5.12	685	33000	306	342000	ND	8.47	ND	8.25	V,S,P,M
09/23/1999	FMETL	4.43	246	26600	296	215000	ND	8.86	5.89	7.57	V,S,P,M
12/28/1999	FMETL	ND	1480	26900	90.9	19300	ND	12.0	15.9	7.99	V,S,P,M
03/15/2000	FMETL	2.91	396	21000	236	93700	ND	7.34	ND	7.64	V,S,P,M
06/05/2000	FMETL	ND	447	11600	58.9	15000	ND	8.33	4.59	7.86	V,S,P,M
09/06/2000	FMETL	3.03	369	17200	284	132000	ND	ND	17.2	7.53	V,S,P,M
12/13/2000	FMETL	1.75	1350	29600	262	152000	ND	15.1	10.2	8.18	V,S,P,M
03/20/2001	FMETL	1.34	4460	34400	206	109000	10.0	38.1	15.0	7.78	V,S,P,M
06/08/2001	FMETL	ND	217	1790	84.4	6050	ND	2.14	2.71	7.88	V,S,P,M
09/24/2001	FMETL	ND	103	10900	237	32400	ND	1.92	ND	7.91	V,S,P,M
12/17/2001	FMETL	1.03	ND	19700	408	93700	ND	ND	3.52	8.16	V,S,P,M
03/21/2002	FMETL	ND	454	981	15.6	4880	2.78	2.74	1.55	6.47	V,S,P,M
06/11/2002	FMETL	ND	207	2870	125	4840	ND	2.44	ND	7.68	V,S,P,M
09/23/2002	FMETL	ND	118	16200	812	14600	2.51	1.68	3.14	9.70	V,S,P,M
12/10/2002	FMETL	ND	49.3	4940	235	18500	ND	1.16	ND	8.31	V,S,P,M

SOURCE: 00M8MW14

Sampling Dates:
06/24/1997 - 12/10/2002

NOTES:

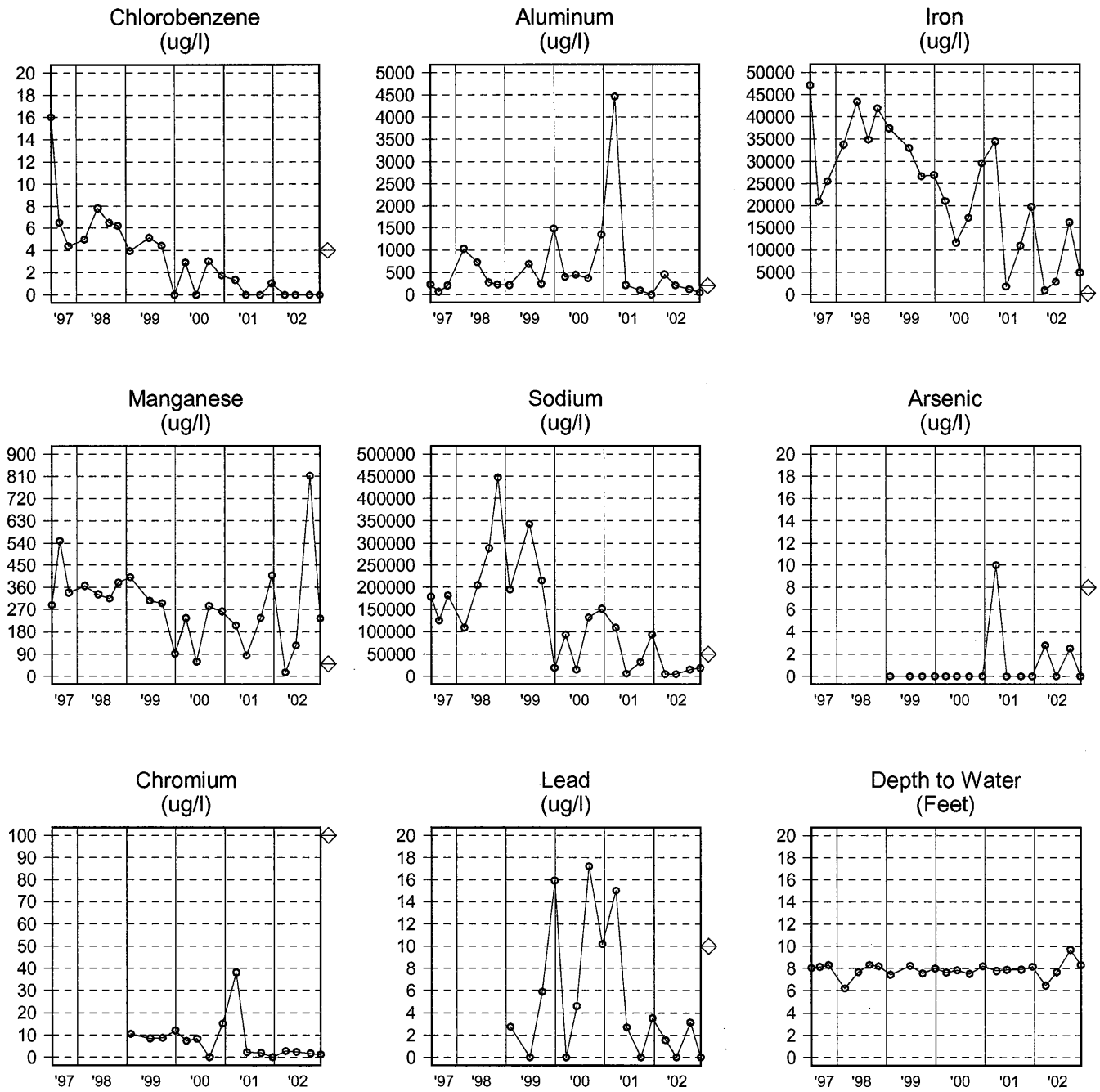
FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 3 of 14

Silver in blank > Criteria, sample date 6/97.

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



SOURCE: 00M8MW14

Sampling Dates:
06/24/1997 - 12/10/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 3 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

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

02-13-2003 X:\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	4	200	300	50	50000	8	100	10	-	-
06/24/1997	FMETL	13.7	136	9670	239	200400	-	-	-	6.50	V,S,P,M
08/25/1997	FMETL	9.30	57.7	14870	348	224700	-	-	-	6.00	V,S,P,M
10/31/1997	FMETL	6.44	515	7332	267	147500	-	-	-	6.80	V,S,P,M
02/25/1998	FMETL	ND	777	15210	508	84840	-	-	-	3.50	V,S,P,M
06/04/1998	FMETL	12.09	318	15770	364	116500	-	-	-	4.76	V,S,P,M
08/28/1998	FMETL	17.78	194	9240	247	314000	-	-	-	5.67	V,S,P,M
11/04/1998	FMETL	29.43	140	8740	357	326000	-	-	-	5.78	V,S,P,M
01/27/1999	FMETL	ND	341	3150	106	46400	ND	8.25	2.79	3.86	V,S,P,M
06/22/1999	FMETL	16.16	258	14700	252	266000	4.69	7.46	ND	5.69	V,S,P,M
09/23/1999	FMETL	2.91	23.1	2950	73.4	120000	3.10	6.64	3.38	5.23	V,S,P,M
12/28/1999	FMETL	5.17	101	7800	123	68900	ND	5.74	2.58	5.28	V,S,P,M
03/15/2000	FMETL	ND	1670	6090	76.7	72700	3.21	17.6	7.19	4.68	V,S,P,M
06/05/2000	FMETL	ND	932	4360	136	67100	ND	13.7	4.11	6.21	V,S,P,M
09/06/2000	FMETL	6.63	528	6610	211	144000	2.37	ND	ND	5.12	V,S,P,M
12/13/2000	FMETL	35.03	571	21600	345	228000	ND	9.00	ND	5.87	V,S,P,M
03/20/2001	FMETL	12.4	350	14300	313	156000	13.0	10.3	ND	4.56	V,S,P,M
06/08/2001	FMETL	4.14	321	2430	71.2	104000	ND	3.72	4.36	5.62	V,S,P,M
12/17/2001	FMETL	5.93	ND	12900	250	833000	2.76	2.27	5.93	5.98	V,S,P,M
03/21/2002	FMETL	ND	5500	15100	46.3	96500	11.5	40.6	16.0	4.22	V,S,P,M
06/11/2002	FMETL	2.15	4910	20500	81.9	113000	5.91	41.8	14.3	5.55	V,S,P,M
09/25/2002	FMETL	25.81	89.5	8130	157	167000	10.4	2.63	1.71	5.45	V,S,P,M
12/13/2002	FMETL	ND	171	4240	39.2	37600	ND	1.89	ND	6.06	V,S,P,M

SOURCE: 00M8MW15

Sampling Dates:
06/24/1997 - 12/13/2002

NOTES:

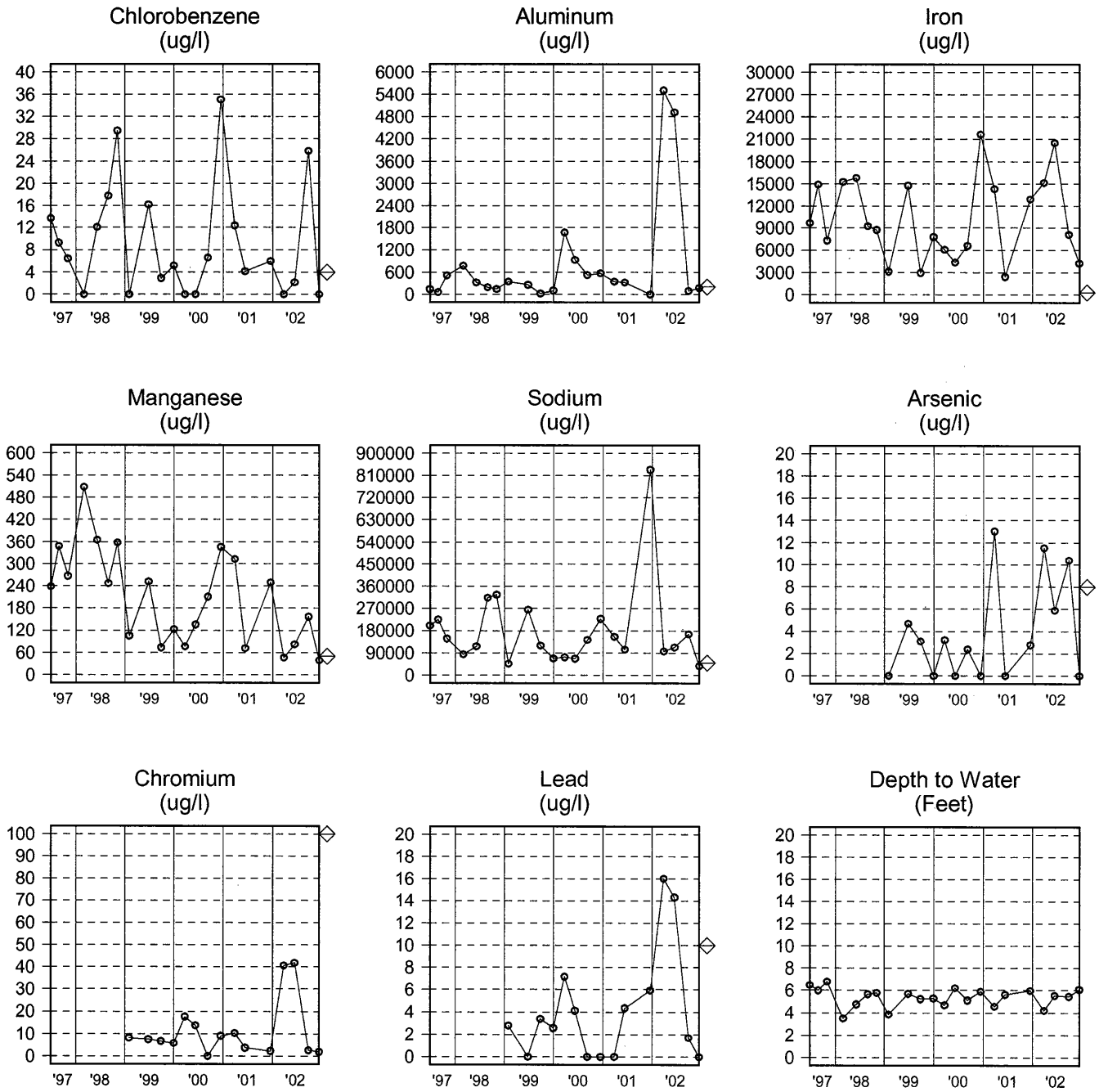
FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 4 of 14

Silver in blank > Criteria, sample date 6/97.

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



SOURCE: 00M8MW15

Sampling Dates:
06/24/1997 - 12/13/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 4 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

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

02-13-2003 X:\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	4	200	300	50	50000	8	100	10	-	-
09/23/1998	FMETL	1.16	20200	86100	1420	3860000	36	137	256	8.93	V,S,P,M
10/20/1998	FMETL	ND	200	30200	838	2710000	3.51	16.2	12.2	8.55	V,S,P,M
01/27/1999	FMETL	1.12	1230	20800	611	933000	3.73	17.5	6.01	8.67	V,S,P,M
06/22/1999	FMETL	18.38	1480	50800	1290	191000	3.80	10.3	3.41	8.52	V,S,P,M
09/23/1999	FMETL	1.74	20500	26000	1710	188000	5.68	37.8	20.0	8.23	V,S,P,M
12/28/1999	FMETL	ND	29800	49600	945	127000	7.71	65.4	45.2	8.74	V,S,P,M
03/15/2000	FMETL	ND	4970	29300	449	27600	3.61	12.6	4.77	8.03	V,S,P,M
06/05/2000	FMETL	ND	4400	28500	573	146000	5.34	26.7	11.7	8.06	V,S,P,M
09/06/2000	FMETL	14.92	10500	58800	1770	437000	11.1	43.5	39.5	8.27	V,S,P,M
12/13/2000	FMETL	ND	3330	21800	308	92000	7.43	24.9	18.3	8.73	V,S,P,M
03/20/2001	FMETL	ND	7670	44700	144	24100	14.0	42.8	15.0	8.25	V,S,P,M
06/08/2001	FMETL	1.02	1490	40800	926	107000	4	5.50	12.2	8.43	V,S,P,M
09/24/2001	FMETL	2.55	5440	56800	1140	606000	3.88	30.7	22.6	8.71	V,S,P,M
12/17/2001	FMETL	ND	7700	78700	932	864000	11.1	40.3	218	8.73	V,S,P,M
03/21/2002	FMETL	ND	2340	24200	802	234000	5.01	5.68	5.11	7.58	V,S,P,M
06/11/2002	FMETL	ND	11400	33400	477	113000	6.76	20.6	30.5	8.24	V,S,P,M
09/25/2002	FMETL	8.72	8260	34000	1920	300000	12.9	20.3	15.0	8.41	V,S,P,M
12/13/2002	FMETL	2.02	1440	7560	738	119000	ND	2.84	ND	5.31	V,S,P,M

SOURCE: 00M8MW16

Sampling Dates:
09/23/1998 - 12/13/2002

NOTES:

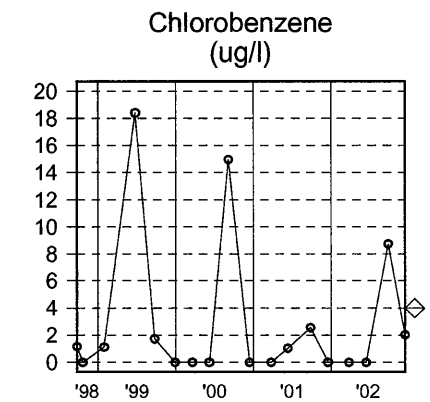
FORT MONMOUTH

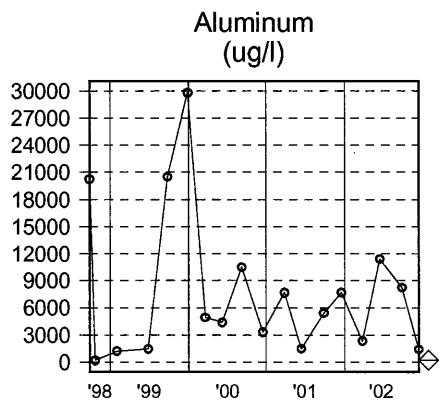
GW MONITORING
M-8 Bldg 697

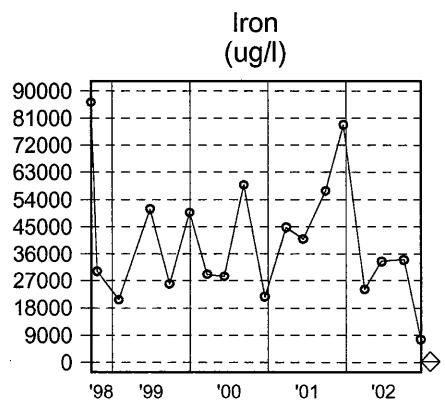
Source 6 of 14

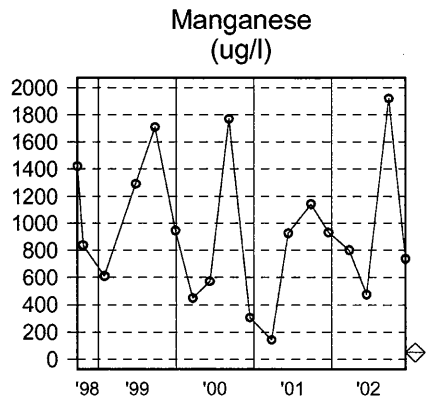
Silver in blank > Criteria, sample date 6/97.

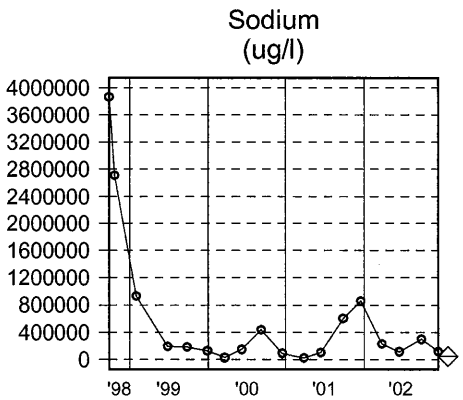
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

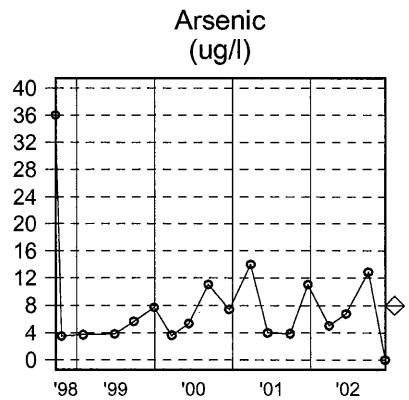


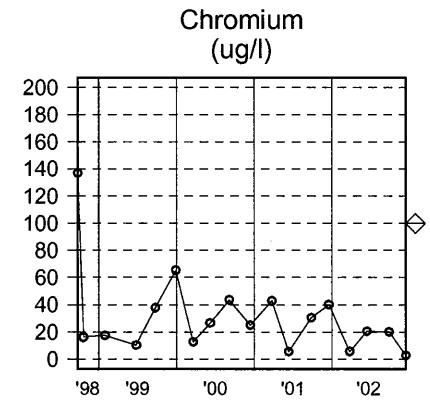


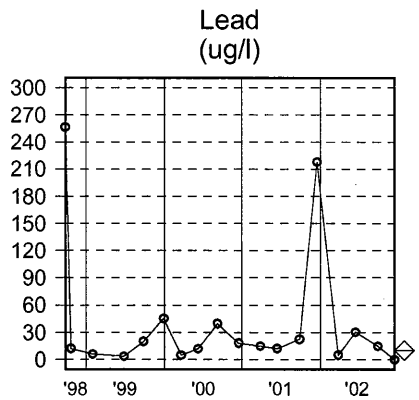


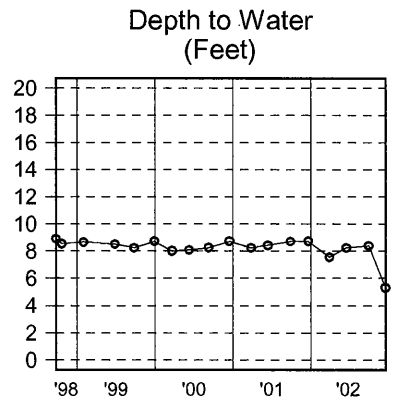












SOURCE: 00M8MW16

Sampling Dates:
09/23/1998 - 12/13/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 6 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

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

02-13-2003 X:\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	4	200	300	50	50000	8	100	10	-	-
09/23/1998	FMETL	2.82	8040	41900	543	2120000	19	74.7	61	7.08	V,S,P,M
10/20/1998	FMETL	6.61	3650	25600	452	796000	ND	26.6	26.4	7.02	V,S,P,M
01/27/1999	FMETL	ND	1860	15100	111	66600	2.47	18.7	10.2	6.16	V,S,P,M
06/22/1999	FMETL	5.59	2930	16300	408	267000	6.83	26.9	17.7	6.91	V,S,P,M
09/23/1999	FMETL	ND	1100	28600	694	247000	6.26	15.7	9.48	6.35	V,S,P,M
12/28/1999	FMETL	5.98	6430	41500	55800	157000	6.65	64.5	42.2	6.53	V,S,P,M
03/15/2000	FMETL	ND	115	18600	621	34600	ND	4.23	3.14	6.29	V,S,P,M
06/05/2000	FMETL	3.96	977	15500	673	78600	13.4	22.9	19.7	8.09	V,S,P,M
09/06/2000	FMETL	2.97	3230	44600	787	82100	22.7	17.5	16.8	6.36	V,S,P,M
12/13/2000	FMETL	2.06	3660	48300	540	82400	25.0	41.0	67.2	6.69	V,S,P,M
03/20/2001	FMETL	2.53	ND	14500	608	56400	14.0	8.3	ND	6.15	V,M,S,P
06/08/2001	FMETL	1.94	163	12700	557	44800	10.1	3.19	7.60	6.56	V,S,P,M
09/24/2001	FMETL	4.16	616	12600	530	914000	5.11	11.6	6.60	6.74	V,S,P,M
12/17/2001	FMETL	4.15	862	16100	498	2320000	8.99	14.0	13.3	7.00	V,S,P,M
03/21/2002	FMETL	4.09	1890	14500	464	236000	9.63	15.8	9.67	6.55	V,S,P,M
06/11/2002	FMETL	6.08	279	15100	597	129000	6.35	4.37	3.88	6.55	V,S,P,M
09/25/2002	FMETL	5.52	491	19100	705	179000	9.58	4.64	4.64	6.32	V,S,P,M
12/13/2002	FMETL	ND	26.1	5450	85.2	12700	3.18	ND	ND	4.61	V,S,P,M

SOURCE: 00M8MW17

Sampling Dates:
09/23/1998 - 12/13/2002

NOTES:

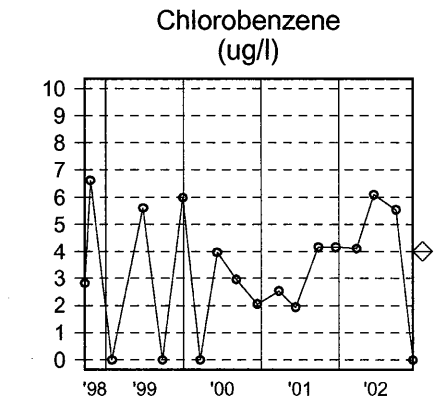
FORT MONMOUTH

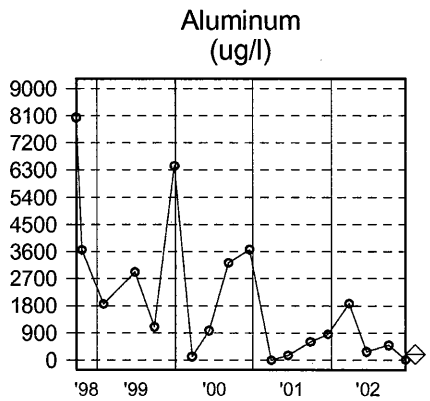
GW MONITORING
M-8 Bldg 697

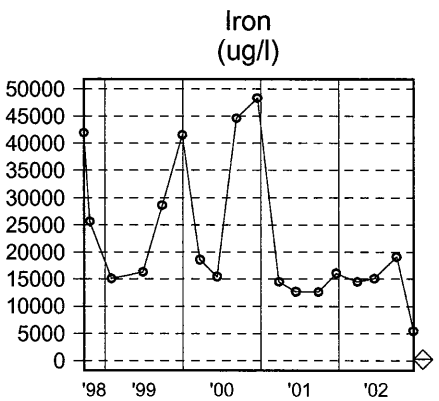
Source 7 of 14

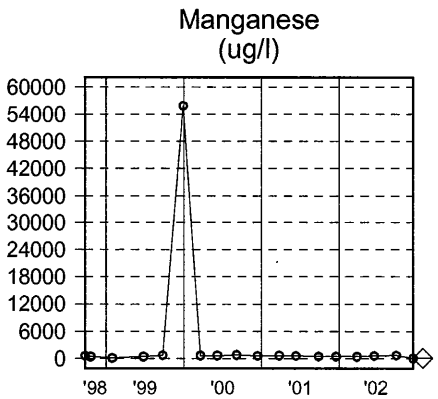
Silver in blank > Criteria, sample date 6/97.

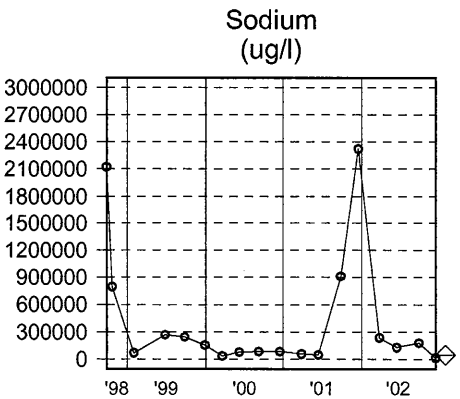
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

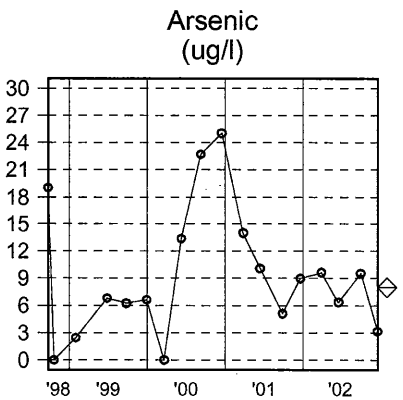


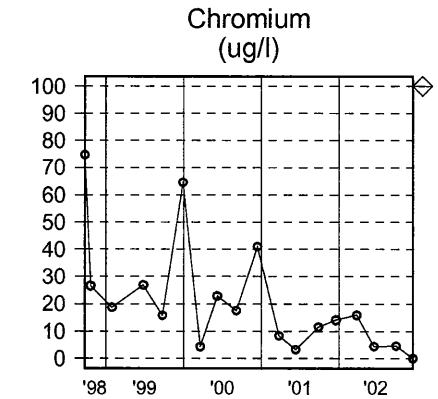


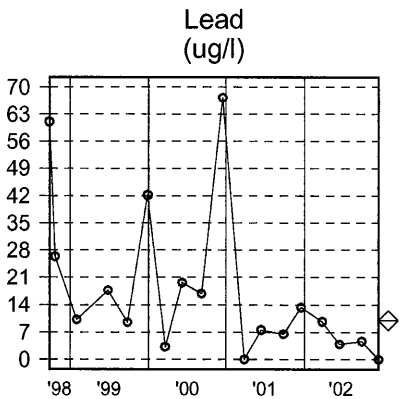


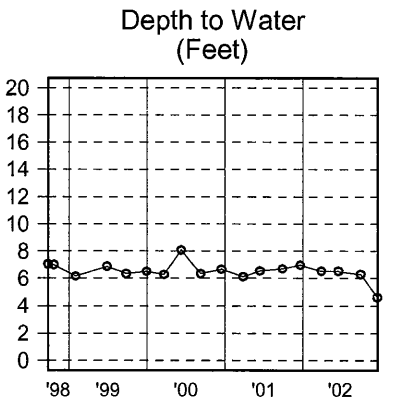












SOURCE: 00M8MW17

Sampling Dates:
09/23/1998 - 12/13/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 7 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

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

02-13-2003 X:\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	4	200	300	50	50000	8	100	10	-	-
09/30/1998	FMETL	16.43	378	10100	532	1260000	ND	6.5	4	7.30	V,S,P,M
10/20/1998	FMETL	14.6	1050	8510	452	1430000	ND	11.4	15.6	7.22	V,S,P,M
01/27/1999	FMETL	17.64	190	10300	570	724000	ND	15.1	4.96	6.83	V,S,P,M
06/22/1999	FMETL	18.38	216	12000	531	466000	ND	9.23	3.38	7.42	V,S,P,M
09/23/1999	FMETL	14.35	244	2900	397	910000	ND	13.4	6.38	6.93	V,S,P,M
12/28/1999	FMETL	10.42	300	5840	456	541000	ND	12.4	6.79	7.08	V,S,P,M
03/15/2000	FMETL	12.56	333	16400	645	181000	ND	12.3	ND	6.94	V,S,P,M
06/05/2000	FMETL	8.00	184	4420	483	460000	4.00	27.8	73.3	6.08	V,S,P,M
09/06/2000	FMETL	18.69	60.3	24000	544	300000	ND	ND	ND	7.06	V,S,P,M
12/13/2000	FMETL	18.69	188	23700	599	425000	ND	15.5	35.2	6.96	V,S,P,M
03/20/2001	FMETL	14.32	120	31700	661	244000	7.00	11.8	ND	6.72	V,S,P,M
06/08/2001	FMETL	16.11	ND	20700	752	253000	ND	3.22	4.10	6.76	V,S,P,M
09/24/2001	FMETL	16.33	ND	6760	656	1010000	ND	9.41	ND	6.93	V,S,P,M
12/17/2001	FMETL	9.56	ND	5370	622	1880000	ND	4.20	11.3	6.69	V,S,P,M
03/21/2002	FMETL	12.61	376	38800	523	625000	4.60	4.02	9.12	6.55	V,S,P,M
06/11/2002	FMETL	12.33	282	29500	521	685000	ND	4.27	11.4	6.69	V,S,P,M
09/23/2002	FMETL	9.86	246	18700	473	565000	ND	4.62	6.71	6.68	V,S,P,M
12/10/2002	FMETL	4.51	139	12000	351	243000	ND	2.17	16.4	6.20	V,S,P,M

SOURCE: 00M8MW18

Sampling Dates:
09/30/1998 - 12/10/2002

NOTES:

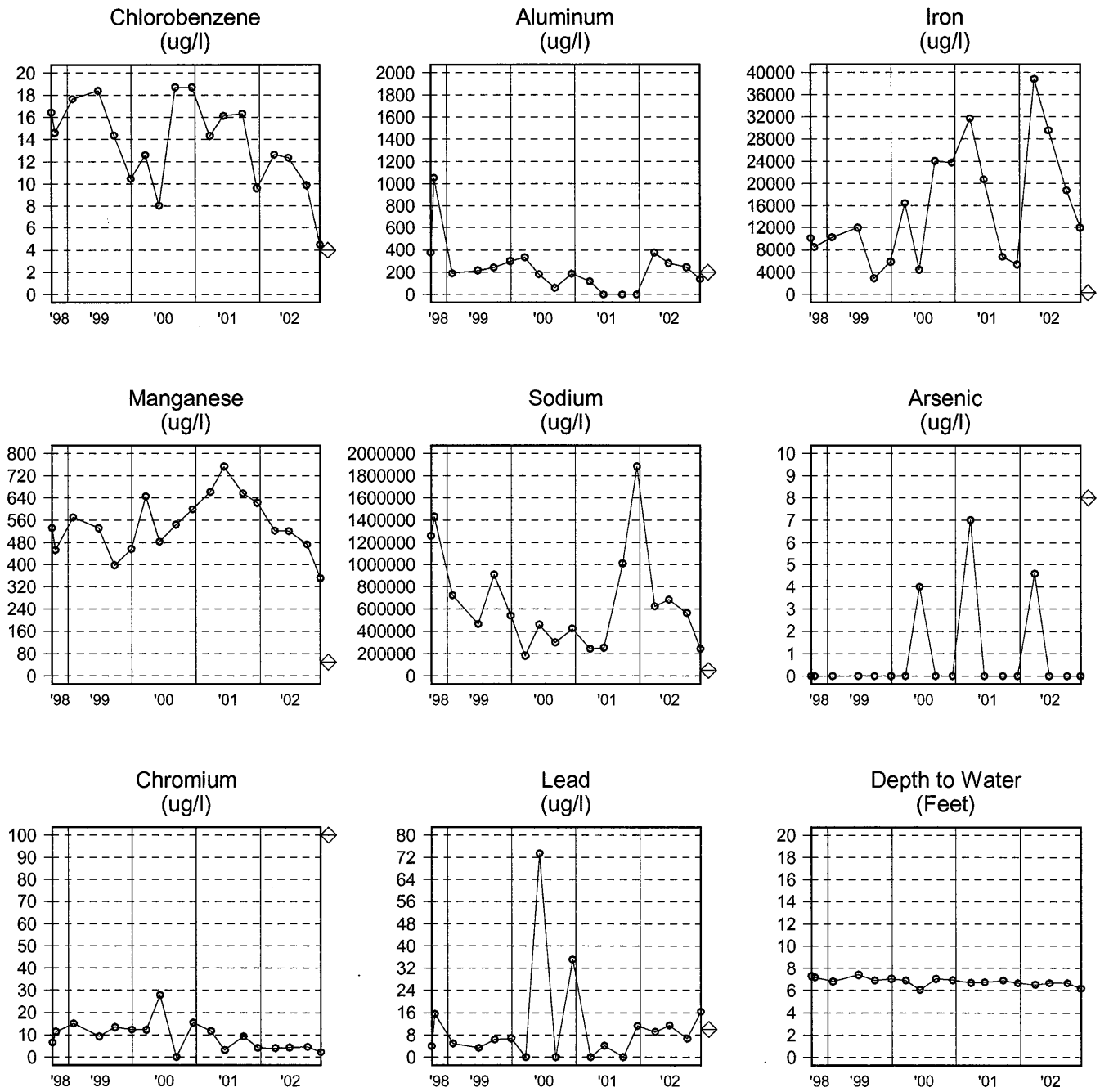
FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 8 of 14

Silver in blank > Criteria, sample date 6/97.

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



SOURCE: 00M8MW18

Sampling Dates:
09/30/1998 - 12/10/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 8 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

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

02-13-2003 X:\MtechData\M-8\M8.WSF

	Lab	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	200	300	50	50000	8	100	10	-		-
09/30/1998	FMETL	1170	20100	92.1	278000	5	8.1	2	7.19		V,S,P,M
10/20/1998	FMETL	5100	38600	104	252000	7.09	35	18	8.59		V,S,P,M
01/27/1999	FMETL	2100	14800	98.3	68800	3.17	17.3	8.5	8.03		V,S,P,M
06/22/1999	FMETL	162	20200	95.3	278000	ND	5.05	ND	8.47		V,S,P,M
09/23/1999	FMETL	103	17400	234	183000	ND	6.00	2.84	8.38		V,S,P,M
12/28/1999	FMETL	456	29900	257	120000	6.78	7.00	6.17	8.48		V,S,P,M
03/15/2000	FMETL	267	10300	102	37400	3.79	3.64	ND	8.33		V,S,P,M
06/05/2000	FMETL	53.5	7540	86.8	94500	ND	8.68	ND	7.08		V,S,P,M
09/06/2000	FMETL	79.5	24400	260	274000	ND	ND	ND	8.28		V,S,P,M
12/13/2000	FMETL	54.4	19100	234	181000	ND	6.66	ND	8.15		V,S,P,M
03/20/2001	FMETL	230	14500	46.2	39800	12.0	4.70	ND	7.75		V,S,P,M
06/08/2001	FMETL	49.1	24200	160	219000	ND	1.91	1.84	8.03		V,S,P,M
09/24/2001	FMETL	25.6	26700	256	312000	ND	2.63	ND	8.34		V,S,P,M
12/17/2001	FMETL	ND	25800	171	421000	ND	3.78	22.5	7.66		V,S,P,M
03/21/2002	FMETL	202	14000	72.3	48100	10.2	1.40	2.60	5.91		V,S,P,M
06/11/2002	FMETL	126	9290	86.0	60100	ND	0.947	ND	7.79		V,S,P,M
09/23/2002	FMETL	110	15400	185	74600	ND	1.47	1.25	7.39		V,S,P,M
12/10/2002	FMETL	49.7	5030	164	95300	ND	0.904	ND	7.10		V,S,P,M

SOURCE: 00M8MW19

Sampling Dates:
09/30/1998 - 12/10/2002

NOTES:

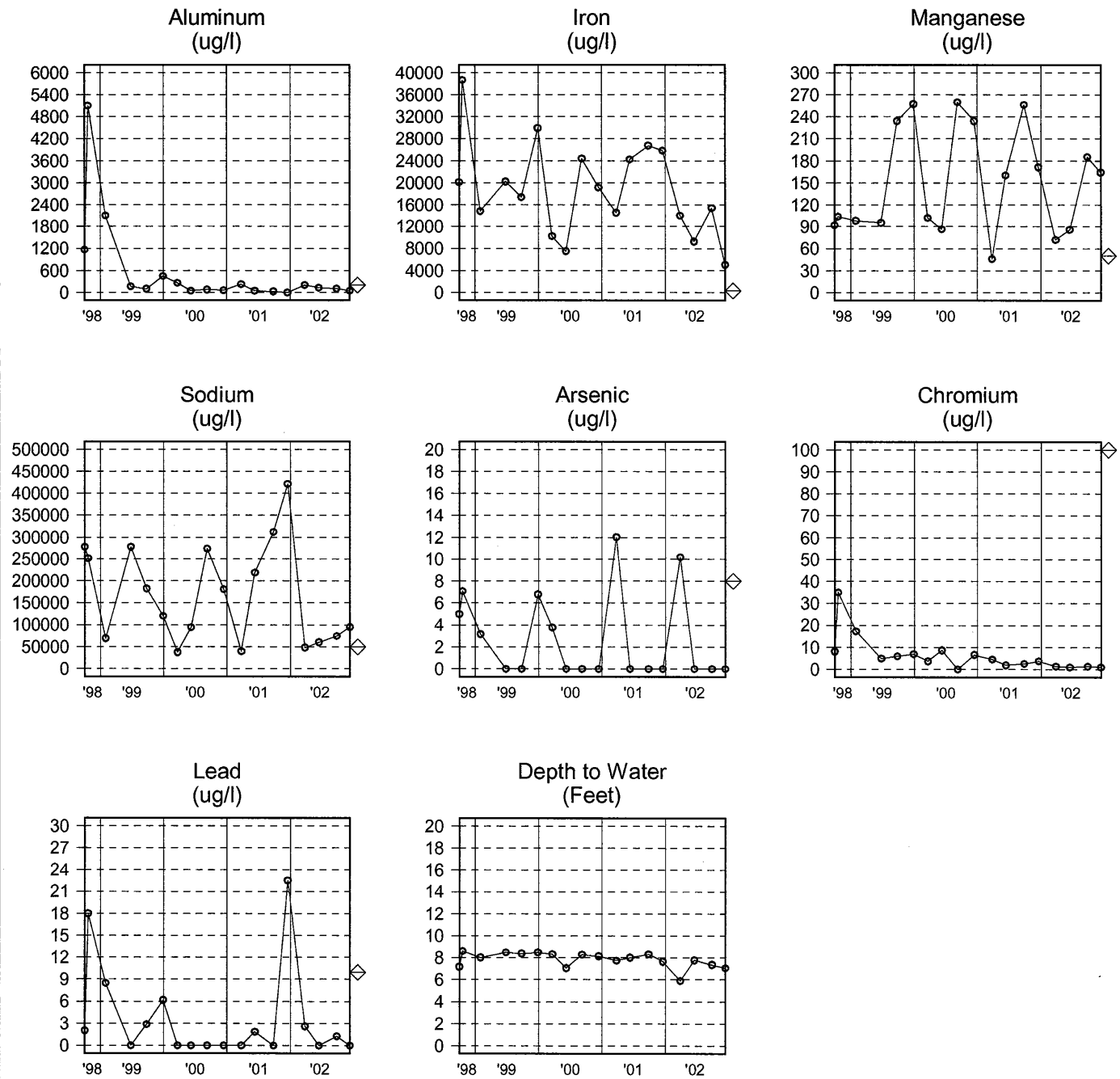
FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 9 of 14

Silver in blank > Criteria, sample date 6/97.

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



SOURCE: 00M8MW19

Sampling Dates:
09/30/1998 - 12/10/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 9 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

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

02-13-2003 X:\MtechData\M-8\M8.WSF

	Lab	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	200	300	50	50000	8	100	10	-		-
09/30/1998	FMETL	1560	10100	242	802000	5	18	ND	8.36		V,S,P,M
10/21/1998	FMETL	2470	8360	231	595000	2.91	19.2	4.67	8.10		V,S,P,M
01/27/1999	FMETL	3190	28400	189	575000	ND	44.1	11.4	7.30		V,S,P,M
06/22/1999	FMETL	4110	10600	196	587000	ND	32.7	9.90	7.76		V,S,P,M
09/23/1999	FMETL	590	10300	235	990000	ND	26.9	2.97	7.36		V,S,P,M
12/28/1999	FMETL	4520	22200	84.1	412000	2.85	65.0	19.5	7.74		V,S,P,M
03/15/2000	FMETL	418	5770	201	240000	ND	24.4	ND	7.45		V,S,P,M
06/05/2000	FMETL	66.8	2740	15.6	355000	ND	41.2	2.78	6.76		V,S,P,M
09/06/2000	FMETL	678	5280	96.1	668000	2.31	10.7	ND	7.37		V,S,P,M
12/13/2000	FMETL	426	5090	64.3	601000	ND	32.2	ND	8.37		V,S,P,M
03/20/2001	FMETL	260	6280	84.7	436000	11.0	27.1	ND	7.36		V,S,P,M
06/08/2001	FMETL	598	7760	42.4	515000	4.32	33.2	4.74	7.22		V,S,P,M
09/24/2001	FMETL	1570	14400	64.6	707000	ND	55.8	3.35	7.64		V,S,P,M
12/17/2001	FMETL	315	6800	13.2	417000	ND	41.7	1.85	7.12		V,S,P,M
03/21/2002	FMETL	546	4130	21.8	476000	4.50	29.5	ND	6.27		V,S,P,M
06/11/2002	FMETL	158	2870	12.5	379000	ND	30.4	ND	7.03		V,S,P,M
09/23/2002	FMETL	721	8500	56.6	665000	ND	43.8	ND	7.06		V,S,P,M
12/10/2002	FMETL	120	2420	23.1	378000	ND	18.8	ND	6.76		V,S,P,M

SOURCE: 00M8MW20

Sampling Dates:
09/30/1998 - 12/10/2002

NOTES:

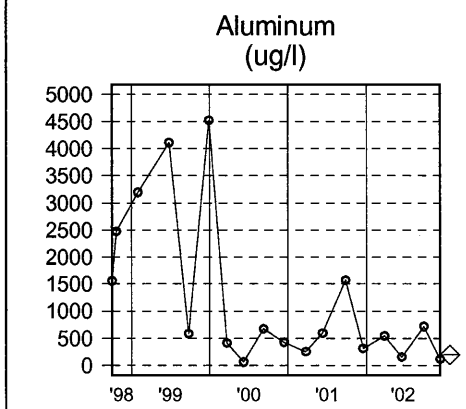
FORT MONMOUTH

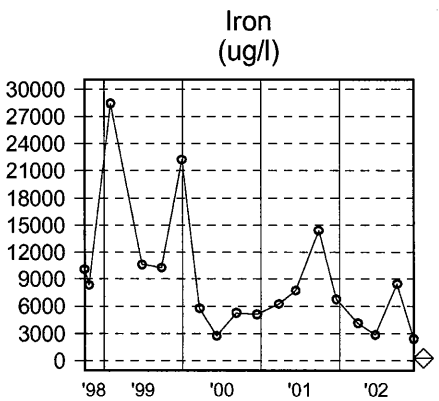
GW MONITORING
M-8 Bldg 697

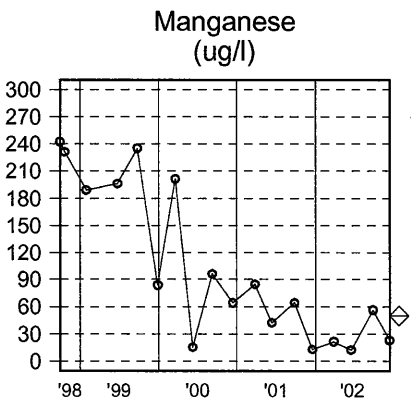
Source 10 of 14

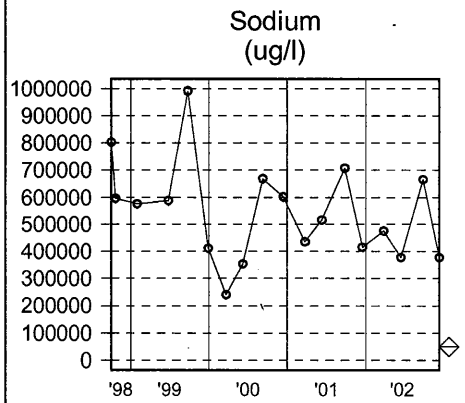
Silver in blank > Criteria, sample date 6/97.

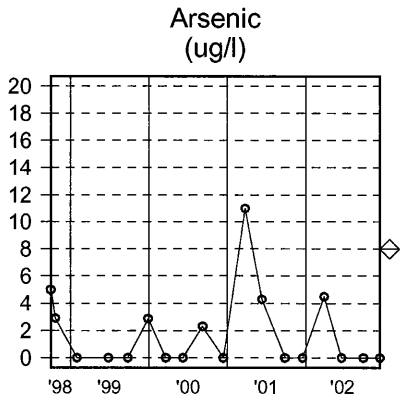
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

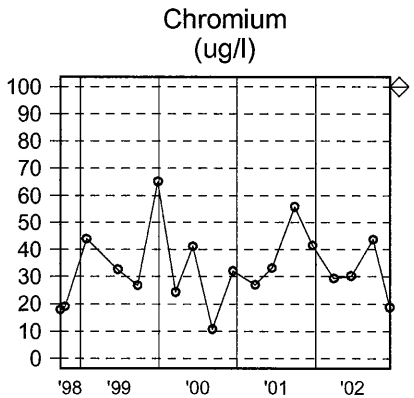


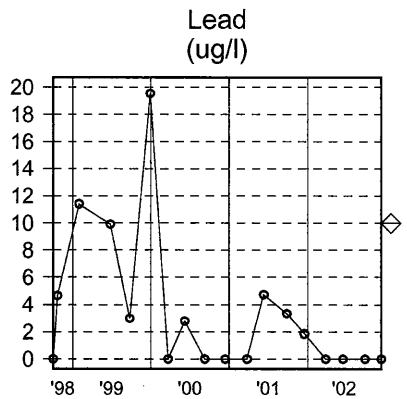


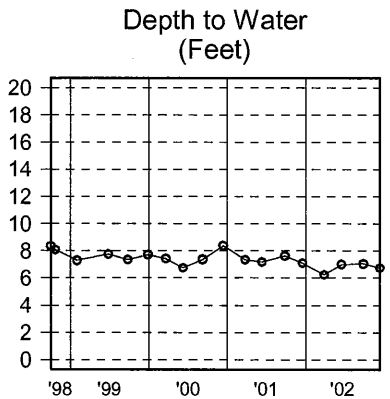












SOURCE: 00M8MW20

Sampling Dates:
09/30/1998 - 12/10/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 10 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

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

02-13-2003 X:\MtechData\M-8\M8.WSF

	Lab	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	200	300	50	50000	8	100	10	-		-
09/30/1998	FMETL	3040	50800	947	5660000	9.00	13.6	ND	6.78		V,S,P,M
10/21/1998	FMETL	1530	31700	671	4840000	7	14.1	ND	6.87		V,S,P,M
01/27/1999	FMETL	2280	23000	183	1210000	2.27	28.5	5.14	6.19		V,S,P,M
06/22/1999	FMETL	3270	38900	289	2730000	6.17	12.1	ND	6.51		V,S,P,M
09/23/1999	FMETL	1820	23100	385	2750000	3.86	17.1	4.45	6.25		V,S,P,M
12/28/1999	FMETL	2310	8020	98.2	601000	ND	25.5	11.5	6.46		V,S,P,M
03/15/2000	FMETL	2390	12400	59.2	334000	4.49	27.5	3.27	6.36		V,S,P,M
06/05/2000	FMETL	225	3680	83.1	683000	ND	26.6	ND	5.68		V,S,P,M
09/06/2000	FMETL	910	23400	128	1450000	4.03	8.12	8.66	6.30		V,S,P,M
12/13/2000	FMETL	418	17800	138	1340000	ND	19.0	ND	6.67		V,S,P,M
03/20/2001	FMETL	3240	15000	52.4	665000	11.0	27.5	ND	6.19		V,S,P,M
06/08/2001	FMETL	607	14000	184	700000	ND	6.54	4.57	6.37		V,S,P,M
09/24/2001	FMETL	1180	41000	256	2000000	ND	12.0	5.87	6.48		V,S,P,M
12/17/2001	FMETL	703	66800	308	3220000	4.19	7.51	6.92	5.23		V,S,P,M
03/21/2002	FMETL	1190	3240	11.0	161000	ND	5.08	4.01	6.13		V,S,P,M
06/11/2002	FMETL	731	5290	72.0	570000	ND	5.58	1.22	6.04		V,S,P,M
09/23/2002	FMETL	547	25800	132	1730000	ND	7.86	3.06	5.53		V,S,P,M
12/10/2002	FMETL	278	4470	70.2	785000	ND	3.09	ND	5.31		V,S,P,M

SOURCE: 00M8MW21

Sampling Dates:
09/30/1998 - 12/10/2002

NOTES:

Well installed 9/98.

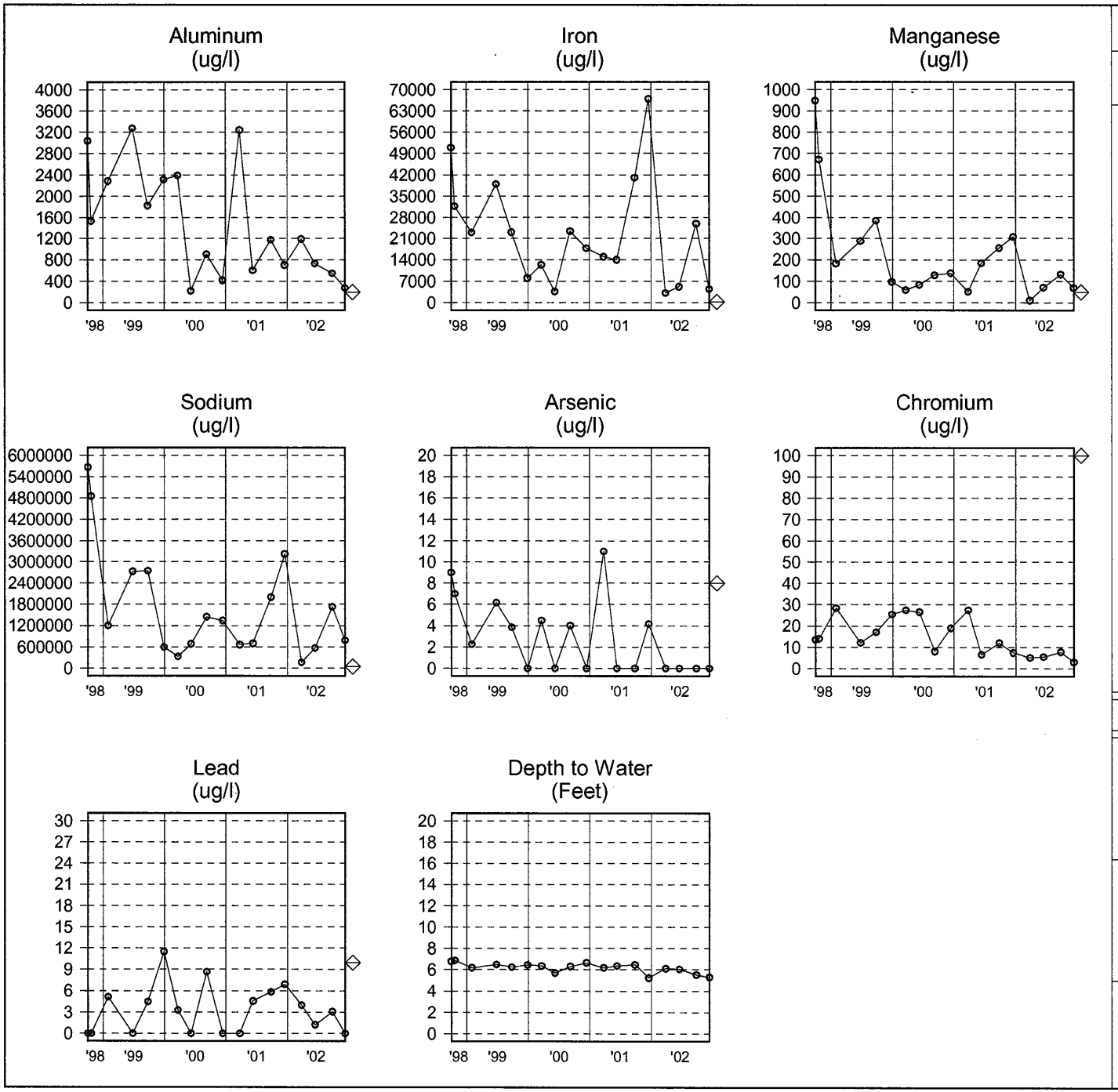
FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 11 of 14

Silver in blank > Criteria, sample date 6/97.

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



SOURCE: 00M8MW21

Sampling Dates:
09/30/1998 - 12/10/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 11 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

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

02-13-2003 X:\MtechData\M-8\M8.WSF

	Lab	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	200	300	50	50000	8	100	10	-		-
09/30/1998	FMETL	2800	87800	1870	4820000	13	25.5	ND	8.11		V,S,P,M
10/21/1998	FMETL	3230	59800	1290	3790000	7.05	28.4	6.8	7.61		V,S,P,M
01/27/1999	FMETL	2370	18900	301	882000	ND	14.8	7.85	6.41		V,S,P,M
06/22/1999	FMETL	2860	20800	726	2740000	ND	8.42	15.5	6.95		V,S,P,M
09/23/1999	FMETL	3860	18400	601	3300000	ND	11.7	70.7	6.29		V,S,P,M
12/28/1999	FMETL	130	128	230	1140000	ND	11.1	4.34	6.37		V,S,P,M
03/15/2000	FMETL	870	4440	366	575000	ND	19.7	12.7	6.50		V,S,P,M
06/05/2000	FMETL	789	324	394	631000	ND	22.7	2.34	6.61		V,S,P,M
09/06/2000	FMETL	1170	2920	302	1030000	ND	ND	10.2	6.47		V,S,P,M
12/13/2000	FMETL	1200	3000	455	1240000	ND	17.5	8.69	6.79		V,S,P,M
03/20/2001	FMETL	1080	3930	272	470000	12.0	10.1	11.0	6.63		V,S,P,M
06/08/2001	FMETL	383	1540	214	452000	3.79	5.45	2.67	6.34		V,S,P,M
09/24/2001	FMETL	4380	15700	1110	2030000	ND	22.7	51.2	6.79		V,S,P,M
09/24/2001D	FMETL	4680	15500	1130	2020000	2.22	23.6	55.4	6.79		V,S,P,M
12/17/2001	FMETL	2490	13000	1440	2360000	ND	6.82	24.9	5.72		V,S,P,M
03/21/2002	FMETL	1450	3760	1340	300000	2.42	2.18	6.62	6.35		V,S,P,M
06/11/2002	FMETL	842	1720	785	439000	ND	2.16	2.23	6.34		V,S,P,M
09/23/2002	FMETL	2580	9870	628	1790000	ND	6.65	11.3	8.04		V,S,P,M
12/10/2002	FMETL	37.8	70200	597	2060000	ND	1.59	1.67	7.77		V,S,P,M

SOURCE: 00M8MW22

Sampling Dates:
09/30/1998 - 12/10/2002

NOTES:

Well installed 9/98.

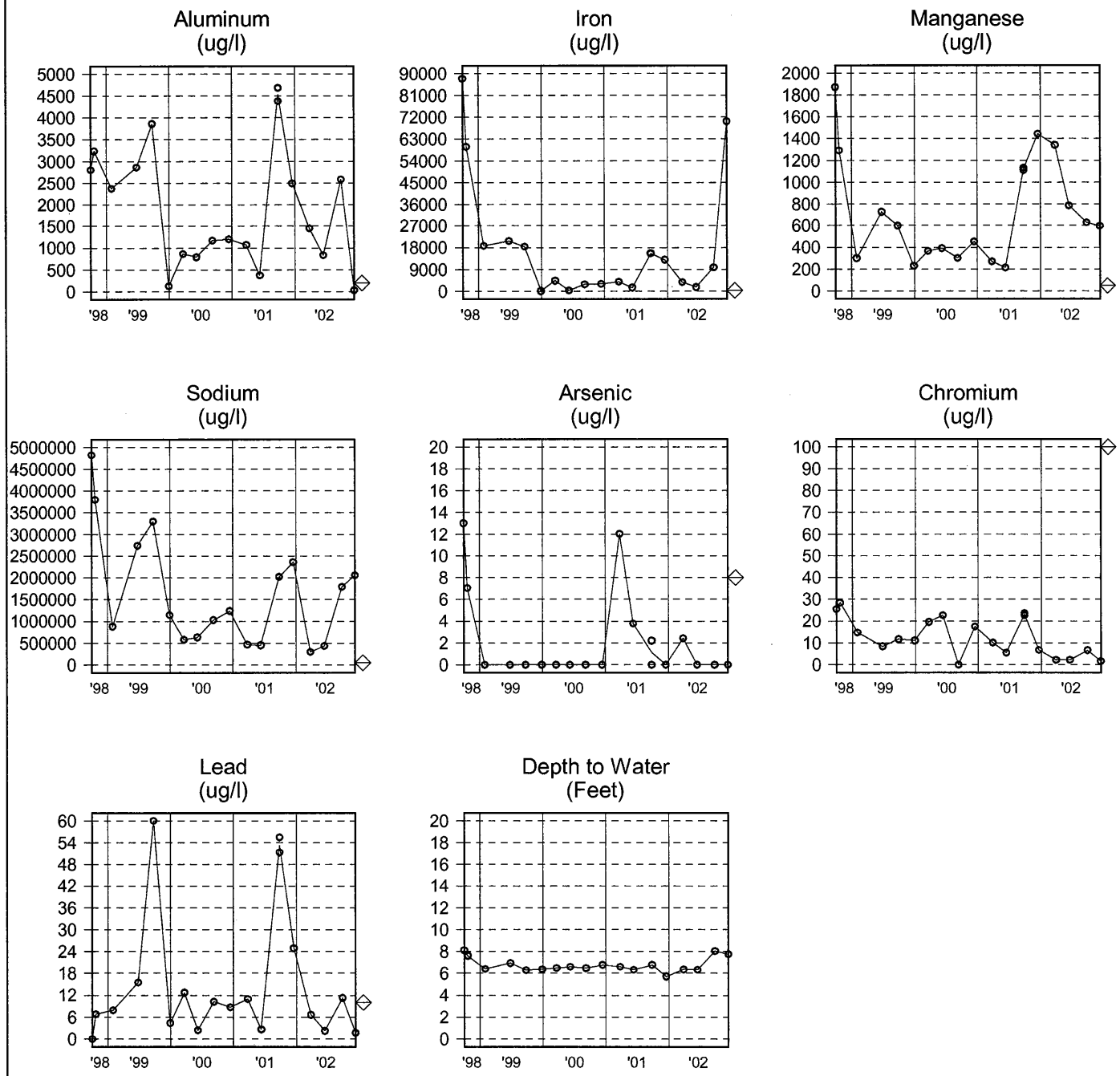
FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 12 of 14

Silver in blank > Criteria, sample date 6/97.

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



SOURCE: 00M8MW22

Sampling Dates:
09/30/1998 - 12/10/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 12 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

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

02-13-2003 X:\MtechData\M-8\M8.WSF

	Lab	cis-1,2-Di chloro ethene	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	10	300	50	50000	8	100	10	-		-
04/14/1999	FMETL	ND	27700	1720	19200	26.4	58.9	464	8.65		V,S,P,M
04/28/1999	FMETL	2.74	1940	787	28200	15.8	4.3	8.1	8.88		V,S,P,M
09/23/1999	FMETL	6.44	5290	1280	46900	3.47	5.63	5.92	8.85		V,S,P,M
12/28/1999	FMETL	ND	910	986	28900	ND	4.78	3.82	8.75		V,S,P,M
03/15/2000	FMETL	5.47	2580	748	30600	2.61	1.74	ND	8.58		V,S,P,M
06/05/2000	FMETL	ND	203	1800	23000	ND	4.08	3.06	8.81		V,S,P,M
09/06/2000	FMETL	6.81	3880	1020	46100	ND	ND	2.79	8.71		V,S,P,M
12/13/2000	FMETL	10.99	5180	739	36600	ND	ND	3.94	9.01		V,S,P,M
03/20/2001	FMETL	3.92	2650	585	20600	12.0	ND	7.00	8.37		V,S,P,M
03/20/2001D	FMETL	3.85	2930	671	23600	6.00	ND	3.00	8.37		V,S,P,M
06/08/2001	FMETL	8.29	6260	2280	23300	3.41	ND	12.2	8.85		V,S,P,M
09/24/2001	FMETL	16.42	6650	1600	46300	3.87	1.86	13.5	9.15		V,S,P,M
12/17/2001	FMETL	18.47	8300	1400	80200	6.74	3.27	33.5	5.23		V,S,P,M
03/21/2002	FMETL	6.85	4900	640	41100	4.93	3.03	9.98	8.83		V,S,P,M
06/11/2002	FMETL	15.89	12300	2080	27300	ND	2.58	21.9	8.83		V,S,P,M
09/23/2002	FMETL	5.86	7410	548	25800	2.43	1.14	4.00	8.85		V,S,P,M
12/10/2002	FMETL	5.78	17100	2190	27700	ND	ND	ND	7.61		V,S,P,M

SOURCE: 00M8MW23

Sampling Dates:
04/14/1999 - 12/10/2002

NOTES:

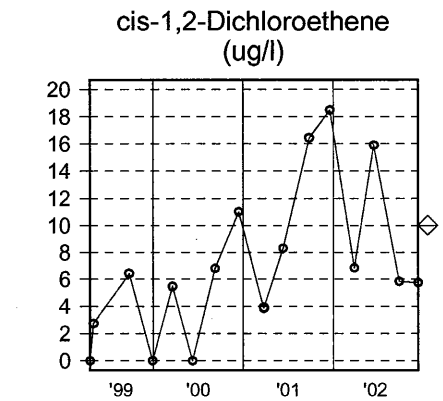
FORT MONMOUTH

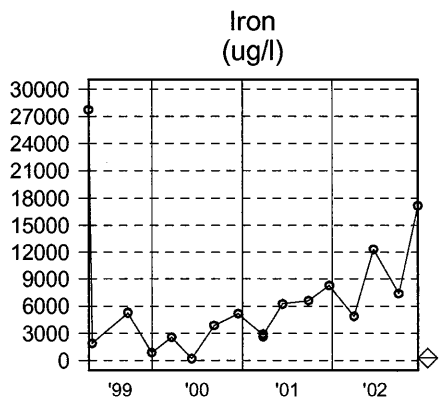
GW MONITORING
M-8 Bldg 697

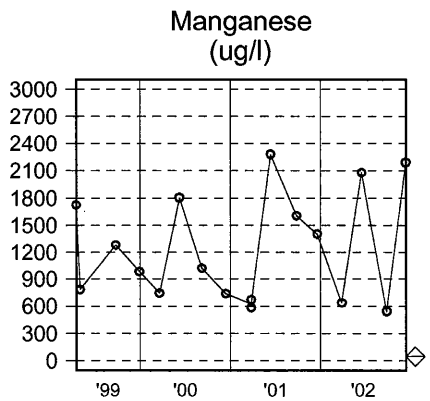
Source 13 of 14

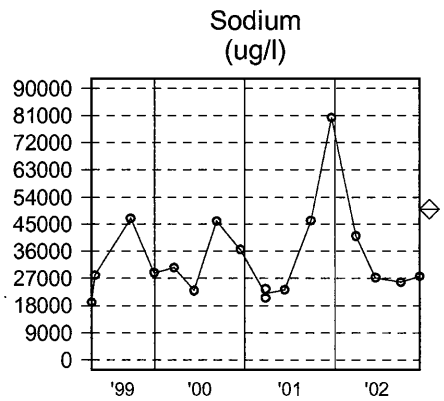
Silver in blank > Criteria, sample date 6/97.

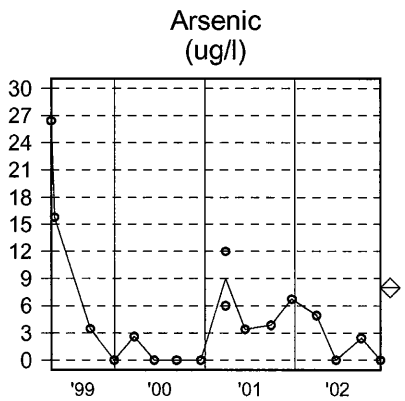
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

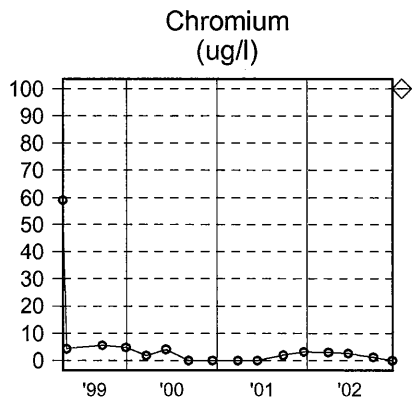


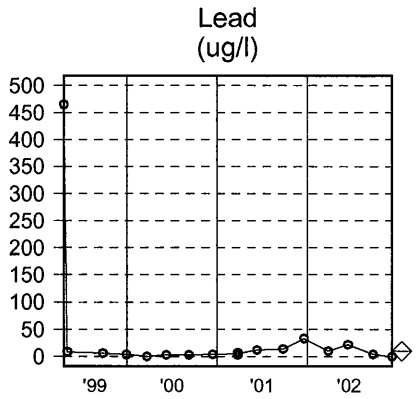


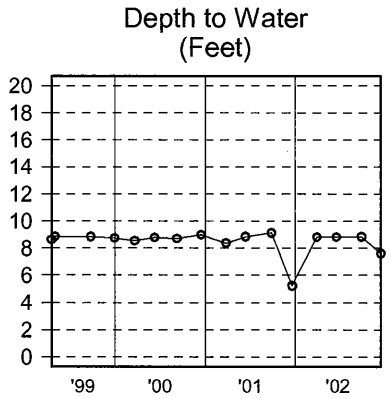












SOURCE: 00M8MW23

Sampling Dates:
04/14/1999 - 12/10/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 13 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

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

02-13-2003 X:\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Aluminum	Iron	Manganese	Sodium	Arsenic	Lead	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	4	200	300	50	50000	8	10	-		-
04/14/1999	FMETL	ND	531	13100	885	15400	ND	50.5	17.96		V,S,P,M
04/28/1999	FMETL	ND	5960	13500	1260	29600	7.16	385	18.64		V,S,P,M
09/23/1999	FMETL	1.01	327	36600	1500	59600	3.77	27.1	18.22		V,S,P,M
03/15/2000	FMETL	1.99	124	7840	110	21400	ND	ND	19.20		V,S,P,M
03/15/2000D	FMETL	1.68	127	7880	105	20500	ND	ND	19.20		V,S,P,M
06/05/2000	FMETL	2.74	ND	7150	103	24000	ND	5.61	19.46		V,S,P,M
09/06/2000	FMETL	2.91	56.9	7450	78.6	26800	ND	ND	19.00		V,S,P,M
12/26/2000	FMETL	1.37	23.2	3130	42.6	10100	ND	ND	20.35		V,S,P,M
03/31/2001	FMETL	39.77	ND	30600	461	92800	ND	25.0	18.22		V,S,P,M
03/31/2001D	FMETL	38.86	ND	30100	468	ND	ND	19.0	18.22		V,S,P,M
06/23/2001	FMETL	1.70	ND	11300	87.6	32000	ND	ND	18.92		V,S,P,M
06/23/2001D	FMETL	1.64	ND	10500	83.4	29600	4.95	ND	18.92		V,S,P,M
09/24/2001	FMETL	2.80	ND	22200	179	57500	ND	4.76	9.76		V,S,P,M
12/10/2001	FMETL	1.94	ND	12700	93.1	34500	ND	2.37	19.71		V,S,P,M
03/27/2002	FMETL	ND	ND	6080	55.9	21500	4.17	ND	17.61		V,S,P,M
06/22/2002	FMETL	1.78	ND	8000	66.0	24400	ND	ND	17.91		V,S,P,M
09/26/2002	FMETL	2.51	ND	13900	90.5	45500	3.49	ND	19.50		V,S,P,M
12/13/2002	FMETL	1.42	18.9	7989	56.1	23300	ND	ND	19.09		V,S,P,M

SOURCE: 00M8MW24

Sampling Dates:
04/14/1999 - 12/13/2002

NOTES:

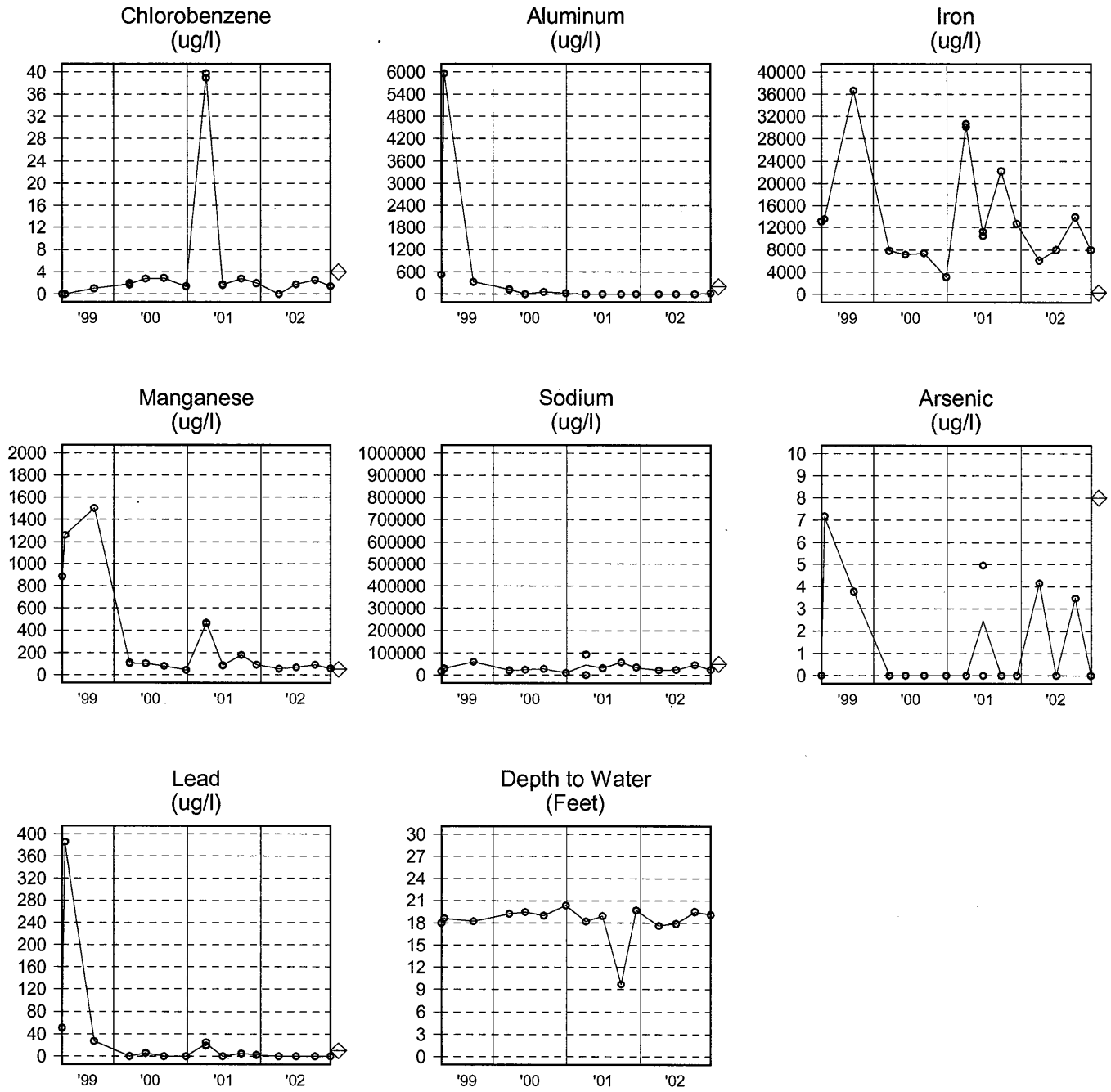
FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 14 of 14

Silver in blank > Criteria, sample date 6/97.

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



SOURCE: 00M8MW24

Sampling Dates:
04/14/1999 - 12/13/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 14 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

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

02-13-2003 X:\MtechData\M-8\M8.WSF

	Lab	Tetra chloro ethene	Chloro benzene	Aluminum	Iron	Manganese	Sodium	Chromium	Lead	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	1	4	200	300	50	50000	100	10	-	-
08/27/1997	FMETL	ND	ND	340	10520	59	22850	-	-	13.15	V,S,P,M
10/29/1997	FMETL	ND	ND	99	2331	24	20150	-	-	13.35	V,S,P,M
02/26/1998	FMETL	ND	ND	418	1617	23.1	18570	-	-	11.26	V,S,P,M
06/04/1998	FMETL	ND	ND	63	1666	16.5	15120	-	-	12.12	V,S,P,M
08/28/1998	FMETL	5.56	ND	218	2360	11	15200	-	-	13.54	V,S,P,M
11/04/1998	FMETL	1.18	ND	52	825	11.8	19300	-	-	14.09	V,S,P,M
01/27/1999	FMETL	ND	1.17	ND	310	20.8	17400	1.34	ND	12.27	V,S,P,M
06/22/1999	FMETL	ND	ND	ND	278	9.50	15900	ND	ND	13.23	V,S,P,M
09/23/1999	FMETL	ND	1.04	ND	903	14.0	16400	1.94	6.18	12.88	V,S,P,M
12/28/1999	FMETL	ND	1.97	ND	894	3690	17700	1.06	ND	12.55	V,S,P,M
03/15/2000	FMETL	ND	ND	33.3	589	25.2	13500	ND	ND	12.27	V,S,P,M
06/05/2000	FMETL	ND	ND	ND	1050	19.2	18500	2.31	5.34	12.72	V,S,P,M
09/06/2000	FMETL	ND	ND	35.8	1640	22.0	23300	ND	ND	12.49	V,S,P,M
12/13/2000	FMETL	ND	ND	ND	970	20.9	26800	ND	ND	13.00	V,S,P,M
03/20/2001	FMETL	ND	ND	140	1690	20.4	24200	2.20	1.00	12.13	V,S,P,M
06/08/2001	FMETL	ND	1.06	17.6	102	23.3	19600	ND	ND	8.62	V,S,P,M
09/24/2001	FMETL	ND	3.23	191	2030	57.3	49100	3.17	ND	13.47	V,S,P,M
12/17/2001	FMETL	ND	1.15	609	7360	43.1	35800	9.50	9.98	14.10	V,S,P,M
03/21/2002	FMETL	ND	ND	49.0	1410	22.0	26200	0.720	ND	13.11	V,S,P,M
06/11/2002	FMETL	ND	1.07	79.1	5310	20.9	27200	0.743	ND	12.83	V,S,P,M
09/23/2002	FMETL	ND	ND	103	2150	15.3	15900	1.57	ND	13.80	V,S,P,M
12/13/2002	FMETL	ND	ND	36.8	1060	45.9	40600	ND	ND	11.17	V,S,P,M

SOURCE: 0697MW01

Sampling Dates:
08/27/1997 - 12/13/2002

NOTES:

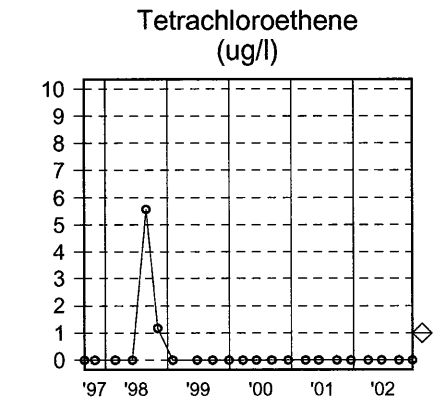
FORT MONMOUTH

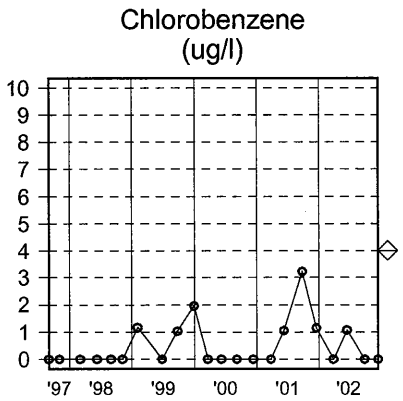
GW MONITORING
M-8 Bldg 697

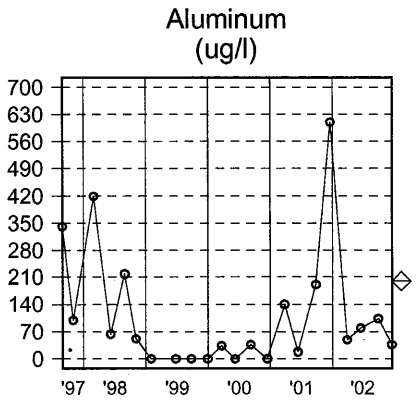
Source 5 of 14

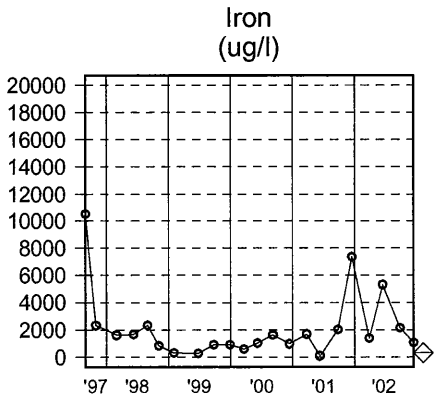
Silver in blank > Criteria, sample date 6/97.

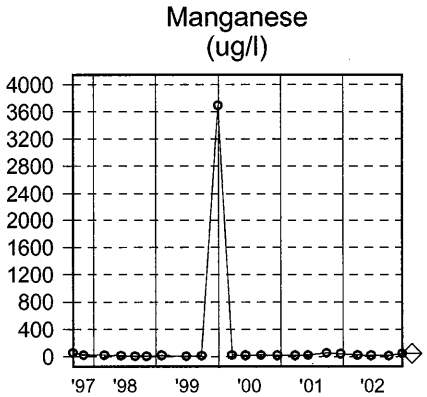
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

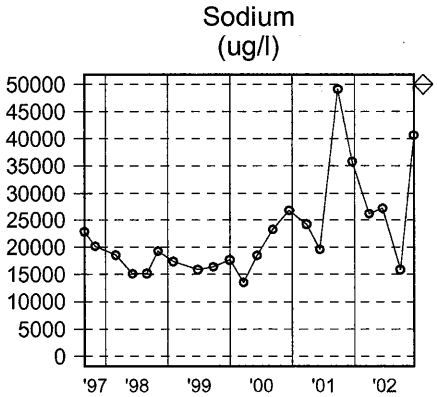


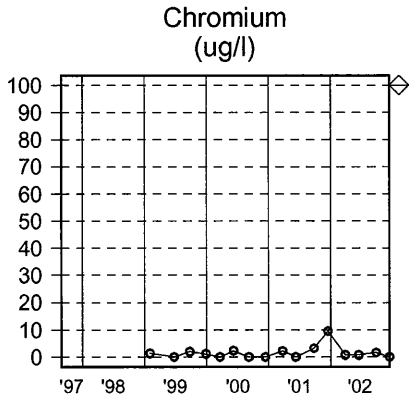


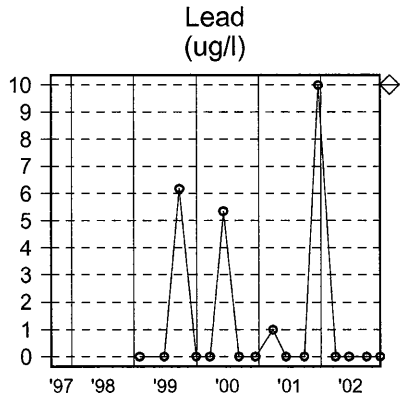


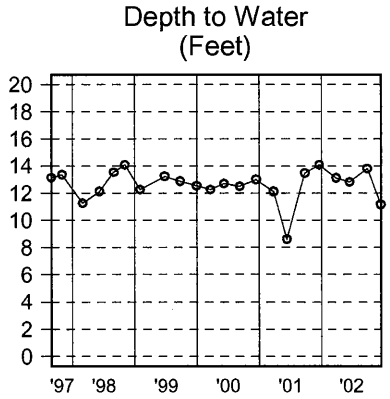












SOURCE: 0697MW01

Sampling Dates:
08/27/1997 - 12/13/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 5 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

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

02-13-2003 X:\MtechData\M-8\M8.WSF

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

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

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

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: M-8, Bldg. 697

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
3013204	00M8MW12	29-32560	03/21/03
3013205	00M8MW13	29-32561	03/21/03
3013206	00M8MW14	29-32562	03/21/03
3013207	00M8MW15	29-32563	03/21/03
3013208	00M8MW16	29-39146	03/21/03
3013209	00M8MW17	29-39147	03/21/03
3013210	00M8MW18	29-39148	03/21/03
3013211	00M8MW19	29-39149	03/21/03
3013212	00M8MW20	29-39150	03/21/03
3013213	00M8MW21	29-39151	03/21/03
3013214	00M8MW22	29-39152	03/21/03
3013216	0697MW01	29-31778	03/21/03
3013215	00M8MW23	29-40128	03/21/03
3012704	00M8MW24	29-41724	03/20/03

NJDEP Laboratory Certification # 13461

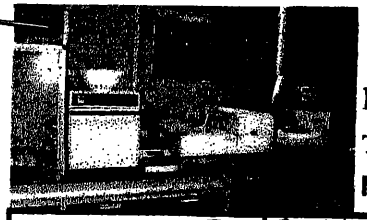
6-4-03

Daniel Wright/Date:
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608



Fort Monmouth Environmental Testing Laboratory

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

NJDEP Certification #13461

Chain of Custody Record

20876 or 20885

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

Project No:
Location: M8 wells
1st Qtr '03 Pt II

Samplers Name / Company: Corey McCormack, TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL MHs	Pest / PCB	BNA+25				Hexane Rinsed	Remarks / Preservation Method
30132 01	Trip	3/21/03	0742	AQ	2	✓							—	
02	Field Blank		0900		5	✓	✓	✓	✓				—	
03	Dupe		—		5	✓	✓	✓	✓				—	
04	M8 mw22 *		0952		5	✓	✓	✓	✓				0.0	mw12
05	M8 mw2		0958			✓	✓	✓	✓				0.0	mw13
06	M8 mw13		1105			✓	✓	✓	✓				0.0	14
07	M8 mw20		1005			✓	✓	✓	✓				0.0	15
08	M8 mw19		1016			✓	✓	✓	✓				0.0	16
09	M8 mw14		1043			✓	✓	✓	✓				0.0	17
10	M8 mw18		1024			✓	✓	✓	✓				0.0	18
11	M8 mw16		1348			✓	✓	✓	✓				0.0	19
12	M8 mw17		1358			✓	✓	✓	✓				0.0	20
13	M8 mw23		1435			✓	✓	✓	✓				0.0	21
14	M8 mw15		1504			✓	✓	✓	✓				0.0	22 *

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	3/21/03 1545	J. Wright			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:
Tide: L → H

print legibly

COC.XLS3/4/2003

Fort Monmouth Environmental Testing Laboratory

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

Chain of Custody Record

Customer: J. Fallon
Phone #: 2210223
(X)DERA ( )OMA ( )Other:_____

Project No:
Location: MB wells
1st Qtr '03 Part II

Samplers Name / Company: Corey McCormack, TES

Comments: HCl/HNO3 /cool

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOTS	TAL Mtls	Pest/PCB	BNA +25				Haw Rad	Remarks / Preservation Method
30132 15	MB ~~697 mw01~~	3/21/03	1442	AQ	5	✓	✓	✓	✓				0.0	MW23
16	MB ~~mw12~~	1	1458	1	1	✓	✓	✓	✓				0.0	697MW01

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	3/21/03 1545	J. Wright			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks: Tide: L→H

print legibly

Coc2/5/03

Fort Monmouth Environmental Testing Laboratory

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

Chain of Custody Record

Customer: J. Fallon
Phone #: X216223
(X) DERA ( ) OMA ( ) Other: _____

Project No:
Location: M8 wells Low Flow 1st Qtr '03 Prt I

Samplers Name / Company: Corey McCormack, TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VO+15	TAL Mtls	Pest/PCB	BNA+25				Hnu Read	Remarks / Preservation Method
30627 01	Trip	3/20/03	0750	AQ	2	✓							—	
02	Field Blank		0830		5	✓	✓	✓	✓				—	
03	Dupe		—		5	✓	✓	✓	✓				—	
04	M8MW24		0957		5	✓	✓	✓	✓				0.0	29-41724

Comments: HCL/HNO3/4°C

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	3/20/03 1400	J. Fallon			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks: Tide: H

Shows T/FB/D from with M2 Low Flows same date. CPM

print legibly

Page 1 of 1

Coc1/10/03

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW12
NJDEP ID #: 29-32560
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 03/21/03
WEATHER: Overcast and warm.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 8.30 ft
DEPTH OF WELL: 17.25 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.95 ft
(8.95) X .65 X 3 =17.45
GALLONS OF H_2O TO BE PURGED: 17 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 13:40
pH 6.11 su
DISSOLVED O_2 4.30 mg/L
TEMP 11.79 °C
SPECIFIC CONDUCTIVITY 479.8 ms/cm

PURGE END TIME: 14:54
pH 6.09 su
DISSOLVED O_2 2.17 mg/L
TEMP 11.53 °C
SPECIFIC CONDUCTIVITY 541.7 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.76 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 17 gal

SAMPLE START TIME: 14:55
pH 6.10 su
DISSOLVED O_2 2.17 mg/L
TEMP 11.52 °C
SPECIFIC CONDUCTIVITY 542.3 ms/cm

SAMPLE END TIME: 15:00

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW13
NJDEP ID #: 29-32561
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 03/21/03
WEATHER: Overcast and warm.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 6.29 ft
DEPTH OF WELL: 18.82 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 12.53 ft
(12.53) X .65 X 3 =24.43
GALLONS OF H_2O TO BE PURGED: 24 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:20
pH 7.20 su — TEMP 12.11 °C
DISSOLVED O_2 4.76 mg/L — SPECIFIC CONDUCTIVITY 139.8 ms/cm

PURGE END TIME: 11:04
pH 7.07 su — TEMP 11.76 °C
DISSOLVED O_2 2.01 mg/L — SPECIFIC CONDUCTIVITY 120.0 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.11 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 24 gal

SAMPLE START TIME: 11:05
pH 7.07 su — TEMP 11.77 °C
DISSOLVED O_2 2.01 mg/L — SPECIFIC CONDUCTIVITY 121.1 ms/cm

SAMPLE END TIME: 11:10

COMMENTS: Cloudy, orange.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW14
NJDEP ID #: 29-32562
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 03/21/03
WEATHER: Overcast and warm.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 6.51 ft
DEPTH OF WELL: 16.69 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.18 ft
(10.18) X .65 X 3 =19.85
GALLONS OF H_2O TO BE PURGED: 20 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:15
pH 7.11 su
DISSOLVED O_2 3.17 mg/L
TEMP 11.99 °C
SPECIFIC CONDUCTIVITY 1700 ms/cm

PURGE END TIME: 10:42
pH 7.03 su
DISSOLVED O_2 2.07 mg/L
TEMP 11.70 °C
SPECIFIC CONDUCTIVITY 1687 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.91 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 20 gal

SAMPLE START TIME: 10:43
pH 7.04 su
DISSOLVED O_2 2.08 mg/L
TEMP 11.71 °C
SPECIFIC CONDUCTIVITY 1688 ms/cm

SAMPLE END TIME: 10:48

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW15
NJDEP ID #: 29-32563
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 03/21/03
WEATHER: Overcast and warm.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 3.77 ft
DEPTH OF WELL: 16.51 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 12.74 ft
(12.74) X .65 X 3 =24.84
GALLONS OF H_2O TO BE PURGED: 25 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 13:15
pH 7.03 su — TEMP 11.97 °C
DISSOLVED O_2 3.17 mg/L — SPECIFIC CONDUCTIVITY 176.3 ms/cm

PURGE END TIME: 15:03
pH 6.94 su — TEMP 11.53 °C
DISSOLVED O_2 2.11 mg/L — SPECIFIC CONDUCTIVITY 179.8 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 5.29 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 25 gal

SAMPLE START TIME: 15:04
pH 6.94 su — TEMP 11.52 °C
DISSOLVED O_2 2.12 mg/L — SPECIFIC CONDUCTIVITY 179.1 ms/cm

SAMPLE END TIME: 15:08

COMMENTS: Cloudy.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW16
NJDEP ID #: 29-39146
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 03/21/03
WEATHER: Overcast and warm.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 7.73 ft
DEPTH OF WELL: 15.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.77 ft
(7.77) X .163 X 3 =3.79
GALLONS OF H_2O TO BE PURGED: 4 gal
PURGE METHOD: (.FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 13:30
pH 6.67 su
DISSOLVED O_2 4.20 mg/L
TEMP 11.90 °C
SPECIFIC CONDUCTIVITY 1276 ms/cm

PURGE END TIME: 13:47
pH 6.53 su
DISSOLVED O_2 2.37 mg/L
TEMP 11.47 °C
SPECIFIC CONDUCTIVITY 1311 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.39 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 4 gal

SAMPLE START TIME: 13:48
pH 6.54 su
DISSOLVED O_2 2.37 mg/L
TEMP 11.49 °C
SPECIFIC CONDUCTIVITY 1307 ms/cm

SAMPLE END TIME: 13:53

COMMENTS: Cloudy, orange.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW17
NJDEP ID #: 29-39147
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 03/21/03
WEATHER: Overcast and warm.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 5.70 ft
DEPTH OF WELL: 15.40 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.20 ft
(9.20) X .163 X 3 =4.74
GALLONS OF H_2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 13:35
pH 7.20 su — TEMP 11.90 °C
DISSOLVED O_2 4.81 mg/L — SPECIFIC CONDUCTIVITY 1981 ms/cm

PURGE END TIME: 13:57
pH 7.07 su — TEMP 11.76 °C
DISSOLVED O_2 2.31 mg/L — SPECIFIC CONDUCTIVITY 2002 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.41 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 13:58
pH 7.06 su — TEMP 11.77 °C
DISSOLVED O_2 2.27 mg/L — SPECIFIC CONDUCTIVITY 2010 ms/cm

SAMPLE END TIME: 14:03

COMMENTS: Cloudy w/brown particles.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW18
NJDEP ID #: 29-39148
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 03/21/03
WEATHER: Overcast and warm.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 6.16 ft
DEPTH OF WELL: 16.55 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.39 ft
(10.39) X .163 X 3 =5.08
GALLONS OF H_2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:55
pH 7.20 su
DISSOLVED O_2 4.29 mg/L
TEMP 11.97 °C
SPECIFIC CONDUCTIVITY 176.3 ms/cm

PURGE END TIME: 10:17
pH 7.17 su
DISSOLVED O_2 2.10 mg/L
TEMP 11.50 °C
SPECIFIC CONDUCTIVITY 150.0 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.04 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 10:24
pH 7.16 su
DISSOLVED O_2 2.11 mg/L
TEMP 11.51 °C
SPECIFIC CONDUCTIVITY 150.2 ms/cm

SAMPLE END TIME: 10:29

COMMENTS: Cloudy while bailing.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW19
NJDEP ID #: 29-39149
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 03/21/03
WEATHER: Overcast and warm.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 5.73 ft
DEPTH OF WELL: 17.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.77 ft
(11.77) X .163 X 3 =5.75
GALLONS OF H_2O TO BE PURGED: 6 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:49
pH 6.93 su — TEMP 11.91 °C
DISSOLVED O_2 4.58 mg/L — SPECIFIC CONDUCTIVITY 901.7 ms/cm

PURGE END TIME: 10:15
pH 6.87 su — TEMP 11.63 °C
DISSOLVED O_2 2.60 mg/L — SPECIFIC CONDUCTIVITY 910.3 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.27 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 6 gal

SAMPLE START TIME: 10:16
pH 6.87 su — TEMP 11.62 °C
DISSOLVED O_2 2.57 mg/L — SPECIFIC CONDUCTIVITY 910.7 ms/cm

SAMPLE END TIME: 10:20

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW20
NJDEP ID #: 29-39150
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 03/21/03
WEATHER: Overcast and warm.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 6.60 ft
DEPTH OF WELL: 17.35 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.75 ft
(10.75) X .163 X 3 =5.25
GALLONS OF H_2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:42
pH 7.11 su
TEMP 11.89 °C
DISSOLVED O_2 4.30 mg/L
SPECIFIC CONDUCTIVITY 151.7 ms/cm

PURGE END TIME: 10:04
pH 7.07 su
TEMP 11.76 °C
DISSOLVED O_2 2.81 mg/L
SPECIFIC CONDUCTIVITY 148.3 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.70 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 10:05
pH 7.07 su
TEMP 11.75 °C
DISSOLVED O_2 2.76 mg/L
SPECIFIC CONDUCTIVITY 148.2 ms/cm

SAMPLE END TIME: 10:10

COMMENTS: Yellow w/black particles..

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW21
NJDEP ID #: 29-39151
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 03/21/03
WEATHER: Overcast and warm.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 5.98 ft
DEPTH OF WELL: 15.75 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.77 ft
(9.77) X .163 X 3 =4.77
GALLONS OF H_2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:35
pH 7.10 su — TEMP 11.91 °C
DISSOLVED O_2 4.30 mg/L — SPECIFIC CONDUCTIVITY 83.12 ms/cm

PURGE END TIME: 09:57
pH 6.91 su — TEMP 11.54 °C
DISSOLVED O_2 2.21 mg/L — SPECIFIC CONDUCTIVITY 80.11 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.97 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 09:58
pH 6.90 su — TEMP 11.56 °C
DISSOLVED O_2 2.17 mg/L — SPECIFIC CONDUCTIVITY 80.12 ms/cm

SAMPLE END TIME: 10:03

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW22
NJDEP ID #: 29-39152
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 03/21/03
WEATHER: Overcast and warm.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 6.31 ft
DEPTH OF WELL: 18.00 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.69 ft
(11.69) X .163 X 3 =5.71
GALLONS OF H_2O TO BE PURGED: 6 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:25
pH 7.11 su — TEMP 12.61 °C
DISSOLVED O_2 3.71 mg/L — SPECIFIC CONDUCTIVITY 47.91 ms/cm

PURGE END TIME: 09:51
pH 6.87 su — TEMP 11.80 °C
DISSOLVED O_2 1.98 mg/L — SPECIFIC CONDUCTIVITY 42.11 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.51 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 6 gal

SAMPLE START TIME: 09:52
pH 6.88 su — TEMP 11.77 °C
DISSOLVED O_2 1.99 mg/L — SPECIFIC CONDUCTIVITY 42.10 ms/cm

SAMPLE END TIME: 09:57

COMMENTS: DUP. Here. Cloudy, orange.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW23
NJDEP ID #: 29-40128
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 03/21/03
WEATHER: Overcast and warm.
TIDE: High.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 8.11 ft
DEPTH OF WELL: 16.72 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.61 ft
(8.61) X .65 X 3 =16.78
GALLONS OF H_2O TO BE PURGED: 17 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 13:20
pH 5.37 su — TEMP 11.79 °C
DISSOLVED O_2 1.60 mg/L — SPECIFIC CONDUCTIVITY 571.9 ms/cm

PURGE END TIME: 14:34
pH 5.30 su — TEMP 11.83 °C
DISSOLVED O_2 0.76 mg/L — SPECIFIC CONDUCTIVITY 555.6 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.76 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 17 gal

SAMPLE START TIME: 14:35
pH 5.31 su — TEMP 11.84 °C
DISSOLVED O_2 0.77 mg/L — SPECIFIC CONDUCTIVITY 555.4 ms/cm

SAMPLE END TIME: 14:40

COMMENTS: Black particles.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW24
NJDEP ID # 29-41724
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 03/20/03
WEATHER: Overcast, Cold.
TIDE: H
WELL CONDITION: Good
LNAPLs: N
DNAPLs: N

Hnu Calibration: Span 5.27 w/ 100 ppm Isobutylene
Sonde Calibration:
pH: 7.00/10.00/4.00 Buffers
Sp. Cond/Cond: 20.0 µ ohms/cm solution (KCl)
DO: % Humidity 760mm (Barometric Pressure)
Temp. : N/A
Turb: YSI CAL SOL. 1.0, 10.0, 100.0 NTU's
DIH2O for 0.0 NTU

ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 19.06 ft
Before Purge Start: 19.06 ft Previous Day: N/A ft After Sampling: 19.80 ft
DEPTH OF WELL: 46.32 ft
DEPTH TO TOP OF SCREEN: N/A ft
DEPTH OF PUMP/TUBE INTAKE: 40.00 ft TUBING: Food Grade ¼" Polyethylene
HEIGHT OF WATER: 27.26 ft
(27.26) X .65 X 3 = 53.15 (.65 for 4")
GALLONS OF H2O TO BE PURGED: 53 Gal
PURGE METHOD: (FLOW at >100 TO <500 gpm): 2" REDIFLO 2 GRUNDPHOS SUBMERSIBLE PUMP
Purged at * mL/Min or Gal/Min. (ml to gal.:ml(0002642)=gal)
PURGE RATE: * gpm Start @ 250 ml/min @ 0840 to
Hnu READING: 0.0 ppm (Well) ml/min @ 230 to
Hnu READING: 0.0 ppm (Well Cap) ml/min @ 210 to
ml/min @ 200 until end

PURGE START TIME: 0840
pH 6.23 su ORP N/A mv TEMP 11.98 °C Turb. 41.3 NTU
DISSOLVED O_2 3.32 mg/L Sp. CONDUCTIVITY 67.31 ms/cm

PURGE END TIME: 0956
pH 6.16 su ORP N/A mv TEMP 11.75 °C Turb. 4.2 NTU
DISSOLVED O_2 1.84 mg/L Sp. CONDUCTIVITY 61.92 ms/cm

DEPTH TO H2O AFTER PURGE AND SAMPLING: 19.80 ft
(SAMPLING METHOD: (Through pump and tubing. Flow cell disconnected)

SAMPLE START TIME: 0957
pH 6.16 su ORP N/A mv TEMP 11.76 °C Turb. 3.7 NTU
DISSOLVED O_2 1.83 mg/L Sp. CONDUCTIVITY 61.94 ms/cm

SAMPLE END TIME: 1000
ANALYTES : VOA+15, TAL Mtls, Pest/PCB, BNA+25
COMMENTS: Dupe Here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 0697MW01
NJDEP ID #: 29-31776
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 03/21/03
WEATHER: Overcast and warm.
TIDE: High.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 11.80 ft
DEPTH OF WELL: 19.80 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.00 ft
(8.00) X .65 X 3 =15.60
GALLONS OF H_2O TO BE PURGED: 16 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 13:25
pH 5.40 su — TEMP 11.99 °C
DISSOLVED O_2 2.76 mg/L — SPECIFIC CONDUCTIVITY 163.4 ms/cm

PURGE END TIME: 14:34
pH 5.36 su — TEMP 12.03 °C
DISSOLVED O_2 1.70 mg/L — SPECIFIC CONDUCTIVITY 170.1 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 13.76 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 16 gal

SAMPLE START TIME: 14:42
pH 5.37 su — TEMP 12.01 °C
DISSOLVED O_2 1.71 mg/L — SPECIFIC CONDUCTIVITY 170.1 ms/cm

SAMPLE END TIME: 14:47

COMMENTS: Particles.

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

MDL	:	Method Detection Limit
J	:	Compound identified below detection limit
B	:	Compound found in blank
D	:	Results are from a dilution of the sample
U	:	Compound searched for but not detected
E	:	Compound exceeds calibration limit
PQL	:	Practical Quantitation Limit
NLE	:	No limit established
RT	:	Retention time

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

Data File	**VB013311.D**	Sample Name	**MB 31Mar03**
Operator	**Skelton**	Field ID	**MB 31Mar03**
Date Acquired	**31 Mar 2003 11:43 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

MB 31Mar03

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30127 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 31Mar03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013311.D

Level: (low/med) LOW Date Received: 3/20/2003

% Moisture: not dec. Date Analyzed: 3/31/2003

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB013344.D**	Sample Name	**MB 01Apr03**
Operator	**Skelton**	Field ID	**MB 01Apr03**
Date Acquired	**1 Apr 2003 11:34 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

MB 01Apr03

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30132 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB 01Apr03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013344.D

Level: (low/med) LOW Date Received: 3/21/2003

% Moisture: not dec. Date Analyzed: 4/1/2003

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB013378.D**	Sample Name	**MB 02Apr03**
Operator	**Skelton**	Field ID	**MB 02Apr03**
Date Acquired	**2 Apr 2003 4:41 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

MB 02Apr03

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30132 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB 02Apr03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013378.D

Level: (low/med) LOW Date Received: 3/21/2003

% Moisture: not dec. Date Analyzed: 4/2/2003

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB013326.D**	Sample Name	**3012701**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**31 Mar 2003 10:07 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.59	173940	3.21 ug/L	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Trip Blank

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30127 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3012701

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013326.D

Level: (low/med) LOW Date Received: 3/20/2003

% Moisture: not dec. Date Analyzed: 3/31/2003

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB013348.D**	Sample Name	**3013201**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**1 Apr 2003 3:22 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.60	174552	2.83 ug/L	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Trip Blank

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30132 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013201

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013348.D

Level: (low/med) LOW Date Received: 3/21/2003

% Moisture: not dec. Date Analyzed: 4/1/2003

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB013327.D**	Sample Name	**3012702**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**31 Mar 2003 10:47 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.59	178353	3.15 ug/L	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30127 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3012702

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013327.D

Level: (low/med) LOW Date Received: 3/20/2003

% Moisture: not dec. Date Analyzed: 3/31/2003

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB013346.D**	Sample Name	**3013202**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**1 Apr 2003 1:19 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.60	192642	3.03 ug/L	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30132 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013202

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013346.D

Level: (low/med) LOW Date Received: 3/21/2003

% Moisture: not dec. Date Analyzed: 4/1/2003

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB013328.D**	Sample Name	**3012703**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**31 Mar 2003 11:28 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene	26.65	403442	4.80 ug/L	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene	32.32	69284	1.06 ug/L	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Dupe

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30127 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3012703

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013328.D

Level: (low/med) LOW Date Received: 3/20/2003

% Moisture: not dec. Date Analyzed: 3/31/2003

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB013347.D**	Sample Name	**3013203**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**1 Apr 2003 1:59 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Dupe

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30132 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013203

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013347.D

Level: (low/med) LOW Date Received: 3/21/2003

% Moisture: not dec. Date Analyzed: 4/1/2003

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB013349.D**	Sample Name	**3013204**
Operator	**Skelton**	Field ID	**M8MW12**
Date Acquired	**1 Apr 2003 4:03 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone	15.73	26073	2.78 ug/L	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.83	28184	0.92 ug/L	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	24.46	142123	4.45 ug/L	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M8MW12

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30132 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013204

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013349.D

Level: (low/med) LOW Date Received: 3/21/2003

% Moisture: not dec. Date Analyzed: 4/1/2003

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB013352.D**	Sample Name	**3013205**
Operator	**Skelton**	Field ID	**M8MW13**
Date Acquired	**1 Apr 2003 6:03 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M8MW13

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30132 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013205

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013352.D

Level: (low/med) LOW Date Received: 3/21/2003

% Moisture: not dec. Date Analyzed: 4/1/2003

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB013353.D**	Sample Name	**3013206**
Operator	**Skelton**	Field ID	**M8MW14**
Date Acquired	**1 Apr 2003 6:43 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M8MW14

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30132 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013206

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013353.D

Level: (low/med) LOW Date Received: 3/21/2003

% Moisture: not dec. Date Analyzed: 4/1/2003

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB013354.D**	Sample Name	**3013207**
Operator	**Skelton**	Field ID	**M8MW15**
Date Acquired	**1 Apr 2003 7:23 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\624FY03.CRT

5/19/2003 10:59 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M8MW15

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30132 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013207

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013354.D

Level: (low/med) LOW Date Received: 3/21/2003

% Moisture: not dec. Date Analyzed: 4/1/2003

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB013355.D**	Sample Name	**3013208**
Operator	**Skelton**	Field ID	**M8MW16**
Date Acquired	**1 Apr 2003 8:03 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene	26.66	578145	6.49 ug/L	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M8MW16

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30132 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013208

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013355.D

Level: (low/med) LOW Date Received: 3/21/2003

% Moisture: not dec. Date Analyzed: 4/1/2003

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB013357.D**	Sample Name	**3013209**
Operator	**Skelton**	Field ID	**M8MW17**
Date Acquired	**2 Apr 2003 7:37 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\624FY03.CRT

5/19/2003 10:59 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M8MW17

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30132 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013209

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013357.D

Level: (low/med) LOW Date Received: 3/21/2003

% Moisture: not dec. Date Analyzed: 4/2/2003

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB013358.D**	Sample Name	**3013210**
Operator	**Skelton**	Field ID	**M8MW18**
Date Acquired	**2 Apr 2003 8:17 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene	26.65	452450	5.44 ug/L	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene	32.32	69529	1.07 ug/L	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M8MW18

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30132 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013210

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013358.D

Level: (low/med) LOW Date Received: 3/21/2003

% Moisture: not dec. Date Analyzed: 4/2/2003

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB013359.D**	Sample Name	**3013211**
Operator	**Skelton**	Field ID	**M8MW19**
Date Acquired	**2 Apr 2003 8:58 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M8MW19

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30132 Location: M8 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3013211

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013359.D

Level: (low/med) LOW Date Received: 3/21/2003

% Moisture: not dec. _____ Date Analyzed: 4/2/2003

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB013360.D**	Sample Name	**3013212**
Operator	**Skelton**	Field ID	**M8MW20**
Date Acquired	**2 Apr 2003 9:38 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M8MW20

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30132 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013212

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013360.D

Level: (low/med) LOW Date Received: 3/21/2003

% Moisture: not dec. Date Analyzed: 4/2/2003

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB013379.D**	Sample Name	**3013213**
Operator	**Skelton**	Field ID	**M8MW21**
Date Acquired	**2 Apr 2003 5:21 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\624FY03.CRT

5/19/2003 10:53 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M8MW21

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30132 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013213

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013379.D

Level: (low/med) LOW Date Received: 3/21/2003

% Moisture: not dec. Date Analyzed: 4/2/2003

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB013380.D**	Sample Name	**3013214**
Operator	**Skelton**	Field ID	**M8MW22**
Date Acquired	**2 Apr 2003 6:02 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M8MW22

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30132 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013214

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013380.D

Level: (low/med) LOW Date Received: 3/21/2003

% Moisture: not dec. Date Analyzed: 4/2/2003

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB013381.D**	Sample Name	**3013215**
Operator	**Skelton**	Field ID	**M8MW23**
Date Acquired	**2 Apr 2003 6:42 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M8MW23

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30132 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013215

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013381.D

Level: (low/med) LOW Date Received: 3/21/2003

% Moisture: not dec. Date Analyzed: 4/2/2003

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB013329.D**	Sample Name	**3012704**
Operator	**Skelton**	Field ID	**M8MW24**
Date Acquired	**1 Apr 2003 12:08 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene	26.66	394712	5.00 ug/L	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene	32.32	70744	1.15 ug/L	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\624FY03.CRT

4/18/2003 2:53 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M8MW24

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30127 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3012704

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013329.D

Level: (low/med) LOW Date Received: 3/20/2003

% Moisture: not dec. Date Analyzed: 4/1/2003

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VB013382.D**	Sample Name	**3013216**
Operator	**Skelton**	Field ID	**M8697MW01**
Date Acquired	**2 Apr 2003 7:22 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M8697MW01

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30132 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013216

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013382.D

Level: (low/med) LOW Date Received: 3/21/2003

% Moisture: not dec. Date Analyzed: 4/2/2003

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07700.D**	Sample Name	**MB-032403**
Operator	**BPatel**	Misc Info	**MB-032403**
Date Acquired	**24-Mar-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07700.D**	Sample Name	**MB-032403**
Operator	**BPatel**	Misc Info	**MB-032403**
Date Acquired	**24-Mar-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **MB-032403**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30127 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB-032403

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07700.D

Level: (low/med) LOW Date Received: 3/20/03

% Moisture: decanted: (Y/N) N Date Extracted: 3/24/03

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/24/03

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.20	9	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07712.D**	Sample Name	**MB-032703**
Operator	**BPatel**	Misc Info	**MB-032703**
Date Acquired	**1-Apr-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07712.D**	Sample Name	**MB-032703**
Operator	**BPatel**	Misc Info	**MB-032703**
Date Acquired	**1-Apr-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **MB-032703**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30132 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB-032703

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07712.D

Level: (low/med) LOW Date Received: 3/21/03

% Moisture: decanted: (Y/N) N Date Extracted: 3/27/03

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/1/03

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.19	4	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07702.D**	Sample Name	**3012702**
Operator	**BPatel**	Misc Info	**Field Blank**
Date Acquired	**24-Mar-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07702.D**	Sample Name	**3012702**
Operator	**BPatel**	Misc Info	**Field Blank**
Date Acquired	**24-Mar-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30127 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3012702

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07702.D

Level: (low/med) LOW Date Received: 3/20/03

% Moisture: decanted: (Y/N) N Date Extracted: 3/24/03

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/24/03

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.20	8	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07707.D**	Sample Name	**3013202**
Operator	**BPatel**	Misc Info	**Field Blank**
Date Acquired	**24-Mar-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07707.D**	Sample Name	**3013202**
Operator	**BPatel**	Misc Info	**Field Blank**
Date Acquired	**24-Mar-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30132 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013202

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07707.D

Level: (low/med) LOW Date Received: 3/21/03

% Moisture: decanted: (Y/N) N Date Extracted: 3/24/03

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/24/03

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.19	8	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07703.D**	Sample Name	**3012703**
Operator	**BPatel**	Misc Info	**Dupe**
Date Acquired	**24-Mar-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07703.D**	Sample Name	**3012703**
Operator	**BPatel**	Misc Info	**Dupe**
Date Acquired	**24-Mar-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Dupe**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30127 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3012703

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07703.D

Level: (low/med) LOW Date Received: 3/20/03

% Moisture: decanted: (Y/N) N Date Extracted: 3/24/03

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/24/03

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.20	10	J
2. 000119-39-1	Phthalazin-1-one	19.06	5	JN
3.	unknown	20.60	4	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07708.D**	Sample Name	**3013203**
Operator	**BPatel**	Misc Info	**Dupe**
Date Acquired	**24-Mar-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07708.D**	Sample Name	**3013203**
Operator	**BPatel**	Misc Info	**Dupe**
Date Acquired	**24-Mar-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Dupe**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30132 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013203

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07708.D

Level: (low/med) LOW Date Received: 3/21/03

% Moisture: decanted: (Y/N) N Date Extracted: 3/24/03

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/24/03

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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

Number TICs found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.19	9	J
2. 000070-55-3	Benzenesulfonamide, 4-methyl-	20.04	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07709.D**	Sample Name	**3013204**
Operator	**BPatel**	Misc Info	**M8MW12**
Date Acquired	**24-Mar-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07709.D**	Sample Name	**3013204**
Operator	**BPatel**	Misc Info	**M8MW12**
Date Acquired	**24-Mar-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW12**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30132 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013204

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07709.D

Level: (low/med) LOW Date Received: 3/21/03

% Moisture: decanted: (Y/N) N Date Extracted: 3/24/03

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/24/03

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.20	9	J
2. 000070-55-3	Benzenesulfonamide, 4-methyl-	20.04	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07714.D**	Sample Name	**3013205**
Operator	**BPatel**	Misc Info	**M8MW13**
Date Acquired	**1-Apr-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07714.D**	Sample Name	**3013205**
Operator	**BPatel**	Misc Info	**M8MW13**
Date Acquired	**1-Apr-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW13**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30132 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013205

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07714.D

Level: (low/med) LOW Date Received: 3/21/03

% Moisture: decanted: (Y/N) N Date Extracted: 3/27/03

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/1/03

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.19	6	J
2. 001470-94-6	1H-Inden-5-ol, 2,3-dihydro-	14.07	10	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07715.D**	Sample Name	**3013206**
Operator	**BPatel**	Misc Info	**M8MW14**
Date Acquired	**1-Apr-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07715.D**	Sample Name	**3013206**
Operator	**BPatel**	Misc Info	**M8MW14**
Date Acquired	**1-Apr-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW14**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30132 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013206

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07715.D

Level: (low/med) LOW Date Received: 3/21/03

% Moisture: decanted: (Y/N) N Date Extracted: 3/27/03

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/1/03

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.19	6	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07716.D**	Sample Name	**3013207**
Operator	**BPatel**	Misc Info	**M8MW15**
Date Acquired	**1-Apr-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07716.D**	Sample Name	**3013207**
Operator	**BPatel**	Misc Info	**M8MW15**
Date Acquired	**1-Apr-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW15**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30132 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013207

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07716.D

Level: (low/med) LOW Date Received: 3/21/03

% Moisture: decanted: (Y/N) N Date Extracted: 3/27/03

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/1/03

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 3

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.19	6	J
2. 000000-00-0	2,6-Dimethylbenzaldehyde	14.07	8	JN
3.	unknown	27.15	8	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07717.D**	Sample Name	**3013208**
Operator	**BPatel**	Misc Info	**M8MW16**
Date Acquired	**1-Apr-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07717.D**	Sample Name	**3013208**
Operator	**BPatel**	Misc Info	**M8MW16**
Date Acquired	**1-Apr-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW16**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30132 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013208

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07717.D

Level: (low/med) LOW Date Received: 3/21/03

% Moisture: decanted: (Y/N) N Date Extracted: 3/27/03

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/1/03

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.19	6	J
2.	unknown	20.03	5	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07718.D**	Sample Name	**3013209**
Operator	**BPatel**	Misc Info	**M8MW17**
Date Acquired	**1-Apr-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene	17.92	58087	1.20 ug/L	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07718.D**	Sample Name	**3013209**
Operator	**BPatel**	Misc Info	**M8MW17**
Date Acquired	**1-Apr-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW17**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30132 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013209

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07718.D

Level: (low/med) LOW Date Received: 3/21/03

% Moisture: decanted: (Y/N) N Date Extracted: 3/27/03

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/1/03

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.19	6	J
2. 000070-55-3	Benzenesulfonamide, 4-methyl-	20.03	7	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07719.D**	Sample Name	**3013210**
Operator	**BPatel**	Misc Info	**M8MW18**
Date Acquired	**1-Apr-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07719.D**	Sample Name	**3013210**
Operator	**BPatel**	Misc Info	**M8MW18**
Date Acquired	**1-Apr-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW18**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30132 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013210

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07719.D

Level: (low/med) LOW Date Received: 3/21/03

% Moisture: decanted: (Y/N) N Date Extracted: 3/27/03

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/1/03

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 5

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.19	6	J
2. 000000-00-0	2,6-Dimethylbenzaldehyde	14.07	5	JN
3. 000119-39-1	Phthalazin-1-one	19.05	6	JN
4. 000088-19-7	Benzenesulfonamide, 2-methyl-	19.55	7	JN
5. 000070-55-3	Benzenesulfonamide, 4-methyl-	20.04	16	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07720.D**	Sample Name	**3013211**
Operator	**BPatel**	Misc Info	**M8MW19**
Date Acquired	**1-Apr-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07720.D**	Sample Name	**3013211**
Operator	**BPatel**	Misc Info	**M8MW19**
Date Acquired	**1-Apr-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW19**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30132 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013211

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07720.D

Level: (low/med) LOW Date Received: 3/21/03

% Moisture: decanted: (Y/N) N Date Extracted: 3/27/03

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/1/03

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.19	7	J
2. 005973-71-7	Benzaldehyde, 3,4-dimethyl-	14.07	8	JN
3. 018418-21-8	Hexadecanoic acid, (2,2-dimethyl	27.52	4	JN
4.	unknown	29.08	35	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07721.D**	Sample Name	**3013212**
Operator	**BPatel**	Misc Info	**M8MW20**
Date Acquired	**1-Apr-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07721.D**	Sample Name	**3013212**
Operator	**BPatel**	Misc Info	**M8MW20**
Date Acquired	**1-Apr-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW20**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30132 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013212

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07721.D

Level: (low/med) LOW Date Received: 3/21/03

% Moisture: decanted: (Y/N) N Date Extracted: 3/27/03

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/1/03

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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

Number TICs found: 5

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.19	6	J
2. 001470-94-6	1H-Inden-5-ol, 2,3-dihydro-	14.07	10	JN
3. 000096-76-4	Phenol, 2,4-bis(1,1-dimethylethyl)	17.92	4	JN
4. 000070-55-3	Benzenesulfonamide, 4-methyl-	20.03	7	JN
5. 010544-50-0	Sulfur, mol. (S8)	24.54	4	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07722.D**	Sample Name	**3013213**
Operator	**BPatel**	Misc Info	**M8MW21**
Date Acquired	**1-Apr-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07722.D**	Sample Name	**3013213**
Operator	**BPatel**	Misc Info	**M8MW21**
Date Acquired	**1-Apr-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW21**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30132 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013213

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07722.D

Level: (low/med) LOW Date Received: 3/21/03

% Moisture: decanted: (Y/N) N Date Extracted: 3/27/03

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/1/03

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.19	7	J
2. 000070-55-3	Benzenesulfonamide, 4-methyl-	20.03	7	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07723.D**	Sample Name	**3013214**
Operator	**BPatel**	Misc Info	**M8MW22**
Date Acquired	**1-Apr-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07723.D**	Sample Name	**3013214**
Operator	**BPatel**	Misc Info	**M8MW22**
Date Acquired	**1-Apr-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW22**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30132 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013214

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07723.D

Level: (low/med) LOW Date Received: 3/21/03

% Moisture: decanted: (Y/N) N Date Extracted: 3/27/03

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/1/03

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.19	7	J
2. 000070-55-3	Benzenesulfonamide, 4-methyl-	20.03	7	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07724.D**	Sample Name	**3013215**
Operator	**BPatel**	Misc Info	**M8MW23**
Date Acquired	**1-Apr-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07724.D**	Sample Name	**3013215**
Operator	**BPatel**	Misc Info	**M8MW23**
Date Acquired	**1-Apr-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW23**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30132 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013215

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07724.D

Level: (low/med) LOW Date Received: 3/21/03

% Moisture: decanted: (Y/N) N Date Extracted: 3/27/03

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/1/03

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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

Number TICs found: 4

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.19	7	J
2. 000000-00-0	2,6-Dimethylbenzaldehyde	14.07	11	JN
3. 000070-55-3	Benzenesulfonamide, 4-methyl-	20.03	5	JN
4.	unknown	29.44	4	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07704.D**	Sample Name	**3012704**
Operator	**BPatel**	Misc Info	**M8MW24**
Date Acquired	**24-Mar-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07704.D**	Sample Name	**3012704**
Operator	**BPatel**	Misc Info	**M8MW24**
Date Acquired	**24-Mar-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW24**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30127 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3012704

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07704.D

Level: (low/med) LOW Date Received: 3/20/03

% Moisture: decanted: (Y/N) N Date Extracted: 3/24/03

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/24/03

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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

Number TICs found: 3

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.20	10	J
2. 000119-39-1	Phthalazin-1-one	19.06	5	JN
3.	unknown	20.60	4	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07725.D**	Sample Name	**3013216**
Operator	**BPatel**	Misc Info	**697MW01**
Date Acquired	**1-Apr-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07725.D**	Sample Name	**3013216**
Operator	**BPatel**	Misc Info	**697MW01**
Date Acquired	**1-Apr-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **697MW01**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30132 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013216

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07725.D

Level: (low/med) LOW Date Received: 3/21/03

% Moisture: decanted: (Y/N) N Date Extracted: 3/27/03

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/1/03

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.19	7	J
2. 000070-55-3	Benzenesulfonamide, 4-methyl-	20.03	5	JN

U.S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

TABULATED ANALYTICAL REPORT
SW 846 608
Pesticides/PCB

mb 032603

Matrix: Aqueous
Date Extracted: 3/26/03
Ext. Batch: 032603
Filename: 00800B.D
Date Analysed: 3/27/03

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.0011
319-85-7	beta-BHC	ND	0.0050
58-89-9	gamma-BHC	ND	0.0013
319-86-8	delta-BHC	ND	0.0016
76-44-8	Heptachlor	ND	0.0035
309-00-2	Aldrin	ND	0.0026
1024-57-3	Heptachlor epoxide	ND	0.0020
5103-71-9	gamma-Chlordane	ND	0.0007
5103-74-2	alpha-Chlordane	ND	0.0036
959-98-8	Endosulfan I	ND	0.0016
72-55-9	4,4'-DDE	ND	0.0021
60-57-1	Dieldrin	ND	0.0020
72-20-8	Endrin	ND	0.0032
33213-65-9	Endosulfan II	ND	0.0022
72-54-8	4,4'-DDD	ND	0.0020
7421-93-4	Endrin aldehyde	ND	0.0100
50-29-3	4,4'-DDT	ND	0.0052
1031-07-8	Endosulfan sulfate	ND	0.0026
53494-70-5	Endrin ketone	ND	0.0026
72-43-5	Methoxychlor	ND	0.0100
8001-35-2	Toxaphene	ND	0.0157
12674-11-2	Arochlor 1016	ND	0.0683
11104-28-2	Arochlor 1221	ND	0.0666
11141-16-5	Arochlor 1232	ND	0.0648
53469-21-9	Arochlor 1242	ND	0.0485
12672-29-6	Arochlor 1248	ND	0.0544
11097-69-1	Arochlor 1254	ND	0.0608
11096-82-5	Arochlor 1260	ND	0.0732

MDL = METHOD DETECTION LIMIT
ND =NOT DETECTED, BELOW MDL

Initial vol. (ml): 1000.00
Final vol. (ml): 10

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells
Field ID: FIELDBLANK
Lab ID: 3012702
Filename: 00803B.D
Lab Project : 30127

Location: M8 Wells 1st. Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 032603
Date Extracted: 3/26/03
Date Analyzed: 27-Mar-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client:	U.S. Army, DPW, SELFM-PW-EV	**Location:**	M8 Wells
Project Name:	M8 Wells 1st. Qrtr. '03	**MATRIX:**	Aqueous
Field ID:	FIELDBLANK	**Ext. Batch:**	032603
Lab ID:	3013202	**Date Extracted:**	3/26/03
Filename:	00815.D	**Date Analyzed:**	28-Mar-03
Lab Project :	30132	**Dilution:**	1
		Analyst:	A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml)	1000.0
Final Vol.(ml)	10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells
Field ID: Dupe
Lab ID: 3012703
Filename: 00804B.D
Lab Project : 30127

Location: M8 Wells 1st. Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 032603
Date Extracted: 3/26/03
Date Analyzed: 27-Mar-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 1st. Qrtr. '03
Field ID: Dupe
Lab ID: 3013203
Filename: 00816.D
Lab Project : 30132

Location: M8 Wells
MATRIX: Aqueous
Ext. Batch: 032603
Date Extracted: 3/26/03
Date Analyzed: 28-Mar-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 1st. Qrtr. '03
Field ID: MW12
Lab ID: 3013204
Filename: 00817.D
Lab Project : 30132

Location: M8 Wells
MATRIX: Aqueous
Ext. Batch: 032603
Date Extracted: 3/26/03
Date Analyzed: 28-Mar-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	0.002	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	0.002	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 1st. Qrtr. '03
Field ID: MW13
Lab ID: 3013205
Filename: 00818.D
Lab Project : 30132

Location: M8 Wells
MATRIX: Aqueous
Ext. Batch: 032603
Date Extracted: 3/26/03
Date Analyzed: 28-Mar-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	0.006	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client:	U.S. Army, DPW, SELFM-PW-EV	**Location:**	M8 Wells
Project Name:	M8 Wells 1st. Qrtr. '03	**MATRIX:**	Aqueous
Field ID:	MW14	**Ext. Batch:**	032603
Lab ID:	3013206	**Date Extracted:**	3/26/03
Filename:	00819.D	**Date Analyzed:**	28-Mar-03
Lab Project :	30132	**Dilution:**	1
		Analyst:	A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client:	**U.S. Army, DPW, SELFM-PW-EV**	**Location:**	**M8 Wells**
Project Name:	**M8 Wells 1st. Qrtr. '03**	**MATRIX:**	**Aqueous**
Field ID:	**MW15**	**Ext. Batch:**	**032603**
Lab ID:	**3013207**	**Date Extracted:**	**3/26/03**
Filename:	**00820.D**	**Date Analyzed:**	**28-Mar-03**
Lab Project :	**30132**	**Dilution:**	**1**
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) **1000.0**
Final Vol.(ml) **10.0**

***Higher of PQL's and ground water criteria as per NJAC 7:9-6**
***Results between MDL and RL are estimated.**
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 1st. Qrtr. '03
Field ID: MW16
Lab ID: 3013208
Filename: 00823.D
Lab Project : 30132

Location: M8 Wells
MATRIX: Aqueous
Ext. Batch: 032603
Date Extracted: 3/26/03
Date Analyzed: 28-Mar-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 1st. Qrtr. '03
Field ID: MW17
Lab ID: 3013209
Filename: 00824.D
Lab Project : 30132

Location: M8 Wells
MATRIX: Aqueous
Ext. Batch: 032603
Date Extracted: 3/26/03
Date Analyzed: 28-Mar-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	0.009	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 1st. Qrtr. '03
Field ID: MW18
Lab ID: 3013210
Filename: 00825.D
Lab Project : 30132

Location: M8 Wells
MATRIX: Aqueous
Ext. Batch: 032603
Date Extracted: 3/26/03
Date Analyzed: 28-Mar-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 1st. Qrtr. '03
Field ID: MW19
Lab ID: 3013211
Filename: 00826.D
Lab Project : 30132

Location: M8 Wells
MATRIX: Aqueous
Ext. Batch: 032603
Date Extracted: 3/26/03
Date Analyzed: 28-Mar-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 1st. Qrtr. '03
Field ID: MW20
Lab ID: 3013212
Filename: 00827.D
Lab Project : 30132

Location: M8 Wells
MATRIX: Aqueous
Ext. Batch: 032603
Date Extracted: 3/26/03
Date Analyzed: 28-Mar-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 1st. Qrtr. '03
Field ID: MW21
Lab ID: 3013213
Filename: 00828.D
Lab Project : 30132

Location: M8 Wells
MATRIX: Aqueous
Ext. Batch: 032603
Date Extracted: 3/26/03
Date Analyzed: 28-Mar-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client:	U.S. Army, DPW, SELFM-PW-EV	**Location:**	M8 Wells
Project Name:	M8 Wells 1st. Qrtr. '03	**MATRIX:**	Aqueous
Field ID:	MW22	**Ext. Batch:**	032603
Lab ID:	3013214	**Date Extracted:**	3/26/03
Filename:	00829.D	**Date Analyzed:**	28-Mar-03
Lab Project :	30132	**Dilution:**	1
		Analyst:	A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml)	1000.0
Final Vol.(ml)	10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 1st. Qrtr. '03
Field ID: MW23
Lab ID: 3013215
Filename: 00830.D
Lab Project : 30132

Location: M8 Wells
MATRIX: Aqueous
Ext. Batch: 032603
Date Extracted: 3/26/03
Date Analyzed: 28-Mar-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells
Field ID: M8MW24
Lab ID: 3012704
Filename: 00805B.D
Lab Project : 30127

Location: M8 Wells 1st. Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 032603
Date Extracted: 3/26/03
Date Analyzed: 27-Mar-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client:	U.S. Army, DPW, SELFM-PW-EV	**Location:**	M8 Wells
Project Name:	M8 Wells 1st. Qrtr. '03	**MATRIX:**	Aqueous
Field ID:	697MW01	**Ext. Batch:**	032603
Lab ID:	3013216	**Date Extracted:**	3/26/03
Filename:	00831.D	**Date Analyzed:**	28-Mar-03
Lab Project :	30132	**Dilution:**	1
		Analyst:	A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	0.17	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	0.19	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	0.036	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	0.300	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	0.12	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

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

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

Lab ID #: 30127
Sample Prepared: 03/21/03

Site: M8
Ft. Monmouth, New Jersey

Field ID#: Method Blank

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	04/08/03	60	200	200	21.8
Antimony	04/08/03	ND	20	20.00	3.70
Arsenic	04/08/03	ND	8	5.00	2.30
Barium	04/08/03	0.900	2000	5.00	0.500
Beryllium	04/08/03	0.100	20	0.500	0.020
Cadmium	04/08/03	ND	4	2.00	0.400
Calcium	04/08/03	190	NLE	1000	65.00
Chromium	04/08/03	ND	100	5.00	1.00
Cobalt	04/08/03	ND	NLE	2.00	0.300
Copper	04/08/03	4.00	1000	5.00	0.300
Iron	04/08/03	ND	300	500	78.00
Lead	04/08/03	2.00	10	5.00	0.800
Magnesium	04/08/03	ND	NLE	1000	11.00
Manganese	04/08/03	ND	50	5.00	0.900
Mercury	03/28/03	ND	2	0500	0.150
Nickel	04/08/03	ND	100	5.00	0.700
Potassium	04/08/03	ND	NLE	1000	25.00
Selenium	04/08/03	ND	50	20.00	4.80
Silver	04/08/03	ND	20	5.00	0.600
Sodium	04/08/03	ND	50000	5000	1160
Thallium	04/08/03	ND	10	10.00	1.90
Vanadium	04/08/03	ND	NLE	5.00	0.200
Zinc	04/08/03	8.00	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L. = Reporting limit. Note: The results reported between MDL and RL are estimated.

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

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

Lab ID #: 30132
Sample Prepared: 03/28/03

Site: M8
Ft. Monmouth, New Jersey

Field ID#: Method Blank

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	04/03/03	ND	200	200	21.8
Antimony	04/03/03	ND	20	20.00	3.70
Arsenic	04/03/03	ND	8	5.00	2.30
Barium	04/03/03	0.851	2000	5.00	0.500
Beryllium	04/03/03	ND	20	0.500	0.020
Cadmium	04/03/03	ND	4	2.00	0.400
Calcium	04/03/03	207	NLE	1000	65.00
Chromium	04/03/03	ND	100	5.00	1.00
Cobalt	04/03/03	ND	NLE	2.00	0.300
Copper	04/03/03	1.04	1000	5.00	0.300
Iron	04/03/03	ND	300	500	78.00
Lead	04/03/03	ND	10	5.00	0.800
Magnesium	04/03/03	35.7	NLE	1000	11.00
Manganese	04/03/03	1.07	50	5.00	0.900
Mercury	04/01/03	ND	2	0500	0.150
Nickel	04/03/03	ND	100	5.00	0.700
Potassium	04/03/03	ND	NLE	1000	25.00
Selenium	04/03/03	ND	50	20.00	4.80
Silver	04/03/03	ND	20	5.00	0.600
Sodium	04/03/03	ND	50000	5000	1160
Thallium	04/03/03	ND	10	10.00	1.90
Vanadium	04/03/03	ND	NLE	5.00	0.200
Zinc	04/03/03	2.08	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L. = Reporting limit. Note: The results reported between MDL and RL are estimated.

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

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

Lab ID #: 3012702
Sample Received: 03/20/03
Sample Matrix: AQ

Site: M8

Field ID: Field Blank

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	03/24/03	47.0	200	200	21.8
Antimony	03/24/03	ND	20	20.00	3.70
Arsenic	03/24/03	ND	8	5.00	2.30
Barium	03/24/03	ND	2000	5.00	0.500
Beryllium	03/24/03	0.101	20	0.500	0.020
Cadmium	03/24/03	ND	4	2.00	0.400
Calcium	03/24/03	ND	NLE	1000	65.00
Chromium	03/24/03	ND	100	5.00	1.00
Cobalt	03/24/03	ND	NLE	2.00	0.300
Copper	03/24/03	ND	1000	5.00	0.300
Iron	03/24/03	ND	300	500	78.00
Lead	03/24/03	ND	10	5.00	0.800
Magnesium	03/24/03	23.8	NLE	1000	11.00
Manganese	03/24/03	ND	50	5.00	0.900
Mercury	03/28/03	ND	2	0500	0.150
Nickel	03/24/03	ND	100	5.00	0.700
Potassium	03/24/03	30.3	NLE	1000	25.00
Selenium	03/24/03	5.47	50	20.00	4.80
Silver	03/24/03	1.07	20	5.00	0.600
Sodium	03/24/03	ND	50000	5000	1160
Thallium	03/24/03	ND	10	10.00	1.90
Vanadium	03/24/03	ND	NLE	5.00	0.200
Zinc	03/24/03	ND	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L. = Reporting limit. Note: The results reported between MDL and RL are estimated.

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

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

Lab ID #: 3013202
Sample Received: 03/21/03
Sample Matrix: Aqueous

Site: M8
Ft. Monmouth, New Jersey

Field ID#: Field Blank

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	04/03/03	ND	200	200	21.8
Antimony	04/03/03	ND	20	20.00	3.70
Arsenic	04/03/03	ND	8	5.00	2.30
Barium	04/03/03	1.68	2000	5.00	0.500
Beryllium	04/03/03	ND	20	0.500	0.020
Cadmium	04/03/03	0.568	4	2.00	0.400
Calcium	04/03/03	252	NLE	1000	65.00
Chromium	04/03/03	ND	100	5.00	1.00
Cobalt	04/03/03	ND	NLE	2.00	0.300
Copper	04/03/03	3.68	1000	5.00	0.300
Iron	04/03/03	ND	300	500	78.00
Lead	04/03/03	2.92	10	5.00	0.800
Magnesium	04/03/03	130	NLE	1000	11.00
Manganese	04/03/03	1.33	50	5.00	0.900
Mercury	04/01/03	ND	2	0500	0.150
Nickel	04/03/03	ND	100	5.00	0.700
Potassium	04/03/03	66.2	NLE	1000	25.00
Selenium	04/03/03	ND	50	20.00	4.80
Silver	04/03/03	ND	20	5.00	0.600
Sodium	04/03/03	ND	50000	5000	1160
Thallium	04/03/03	2.19	10	10.00	1.90
Vanadium	04/03/03	0.254	NLE	5.00	0.200
Zinc	04/03/03	19.6	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L. = Reporting limit. Note: The results reported between MDL and RL are estimated.

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

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

Lab ID #: 3012703
Sample Received: 03/20/03
Sample Matrix: AQ

Site: M8

Field ID: Dupe

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	03/24/03	96.8	200	200	21.8
Antimony	03/24/03	ND	20	20.00	3.70
Arsenic	03/24/03	ND	8	5.00	2.30
Barium	03/24/03	175	2000	5.00	0.500
Beryllium	03/24/03	0.0816	20	0.500	0.020
Cadmium	03/24/03	ND	4	2.00	0.400
Calcium	03/24/03	59400	NLE	1000	65.00
Chromium	03/24/03	3.01	100	5.00	1.00
Cobalt	03/24/03	ND	NLE	2.00	0.300
Copper	03/24/03	ND	1000	5.00	0.300
Iron	03/24/03	10200	300	500	78.00
Lead	03/24/03	11.8	10	5.00	0.800
Magnesium	03/24/03	11500	NLE	1000	11.00
Manganese	03/24/03	85.3	50	5.00	0.900
Mercury	03/28/03	ND	2	0500	0.150
Nickel	03/24/03	ND	100	5.00	0.700
Potassium	03/24/03	10800	NLE	1000	25.00
Selenium	03/24/03	8.59	50	20.00	4.80
Silver	03/24/03	ND	20	5.00	0.600
Sodium	03/24/03	40400	50000	5000	1160
Thallium	03/24/03	ND	10	10.00	1.90
Vanadium	03/24/03	0.274	NLE	5.00	0.200
Zinc	03/24/03	7.57	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L. = Reporting limit. Note: The results reported between MDL and RL are estimated.

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

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

Lab ID #: 3013203
Sample Received: 03/21/03
Sample Matrix: Aqueous

Site: M8
Ft. Monmouth, New Jersey

Field ID#: Dupe

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	04/03/03	110	200	200	21.8
Antimony	04/03/03	ND	20	20.00	3.70
Arsenic	04/03/03	ND	8	5.00	2.30
Barium	04/03/03	16.2	2000	5.00	0.500
Beryllium	04/03/03	ND	20	0.500	0.020
Cadmium	04/03/03	1.42	4	2.00	0.400
Calcium	04/03/03	48200	NLE	1000	65.00
Chromium	04/03/03	ND	100	5.00	1.00
Cobalt	04/03/03	5.20	NLE	2.00	0.300
Copper	04/03/03	6.60	1000	5.00	0.300
Iron	04/03/03	1630	300	500	78.00
Lead	04/03/03	1.55	10	5.00	0.800
Magnesium	04/03/03	58700	NLE	1000	11.00
Manganese	04/03/03	418	50	5.00	0.900
Mercury	04/01/03	ND	2	0500	0.150
Nickel	04/03/03	11.8	100	5.00	0.700
Potassium	04/03/03	26200	NLE	1000	25.00
Selenium	04/03/03	5.43	50	20.00	4.80
Silver	04/03/03	ND	20	5.00	0.600
Sodium	04/04/03	480000	50000	5000	1160
Thallium	04/03/03	ND	10	10.00	1.90
Vanadium	04/03/03	0.856	NLE	5.00	0.200
Zinc	04/03/03	531	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L. = Reporting limit. Note: The results reported between MDL and RL are estimated.

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

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

Lab ID #: 3013204
Sample Received: 03/21/03
Sample Matrix: Aqueous

Site: M8
Ft. Monmouth, New Jersey

Field ID#: M8MW12

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	04/03/03	80.3	200	200	21.8
Antimony	04/03/03	ND	20	20.00	3.70
Arsenic	04/03/03	4.30	8	5.00	2.30
Barium	04/03/03	10.1	2000	5.00	0.500
Beryllium	04/03/03	ND	20	0.500	0.020
Cadmium	04/03/03	ND	4	2.00	0.400
Calcium	04/03/03	7940	NLE	1000	65.00
Chromium	04/03/03	ND	100	5.00	1.00
Cobalt	04/03/03	ND	NLE	2.00	0.300
Copper	04/03/03	2.45	1000	5.00	0.300
Iron	04/03/03	5310	300	500	78.00
Lead	04/03/03	ND	10	5.00	0.800
Magnesium	04/03/03	2000	NLE	1000	11.00
Manganese	04/03/03	20.6	50	5.00	0.900
Mercury	04/01/03	ND	2	0500	0.150
Nickel	04/03/03	ND	100	5.00	0.700
Potassium	04/03/03	2090	NLE	1000	25.00
Selenium	04/03/03	ND	50	20.00	4.80
Silver	04/03/03	ND	20	5.00	0.600
Sodium	04/03/03	24700	50000	5000	1160
Thallium	04/03/03	ND	10	10.00	1.90
Vanadium	04/03/03	2.08	NLE	5.00	0.200
Zinc	04/03/03	20.6	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L. = Reporting limit. Note: The results reported between MDL and RL are estimated.

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

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

Lab ID #: 3013205
Sample Received: 03/21/03
Sample Matrix: Aqueous

Site: M8
Ft. Monmouth, New Jersey

Field ID#: M8MW13

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	04/03/03	222	200	200	21.8
Antimony	04/03/03	ND	20	20.00	3.70
Arsenic	04/03/03	3.27	8	5.00	2.30
Barium	04/03/03	78.0	2000	5.00	0.500
Beryllium	04/03/03	ND	20	0.500	0.020
Cadmium	04/03/03	2.08	4	2.00	0.400
Calcium	04/03/03	150000	NLE	1000	65.00
Chromium	04/03/03	2.10	100	5.00	1.00
Cobalt	04/03/03	ND	NLE	2.00	0.300
Copper	04/03/03	24.4	1000	5.00	0.300
Iron	04/03/03	16400	300	500	78.00
Lead	04/03/03	9.38	10	5.00	0.800
Magnesium	04/03/03	25700	NLE	1000	11.00
Manganese	04/03/03	4.35	50	5.00	0.900
Mercury	04/01/03	ND	2	0500	0.150
Nickel	04/03/03	6.32	100	5.00	0.700
Potassium	04/03/03	9320	NLE	1000	25.00
Selenium	04/03/03	5.80	50	20.00	4.80
Silver	04/03/03	1.57	20	5.00	0.600
Sodium	04/04/03	179000	50000	5000	1160
Thallium	04/03/03	2.46	10	10.00	1.90
Vanadium	04/03/03	2.46	NLE	5.00	0.200
Zinc	04/03/03	613	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L. = Reporting limit. Note: The results reported between MDL and RL are estimated.

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

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

Lab ID #: 3013206
Sample Received: 03/21/03
Sample Matrix: Aqueous

Site: M8
Ft. Monmouth, New Jersey

Field ID#: M8MW14

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	04/03/03	311	200	200	21.8
Antimony	04/03/03	ND	20	20.00	3.70
Arsenic	04/03/03	4.99	8	5.00	2.30
Barium	04/03/03	49.3	2000	5.00	0.500
Beryllium	04/03/03	0.104	20	0.500	0.020
Cadmium	04/03/03	0.884	4	2.00	0.400
Calcium	04/03/03	78900	NLE	1000	65.00
Chromium	04/03/03	1.80	100	5.00	1.00
Cobalt	04/03/03	ND	NLE	2.00	0.300
Copper	04/03/03	6.62	1000	5.00	0.300
Iron	04/03/03	12700	300	500	78.00
Lead	04/03/03	4.52	10	5.00	0.800
Magnesium	04/03/03	6340	NLE	1000	11.00
Manganese	04/03/03	31.1	50	5.00	0.900
Mercury	04/01/03	ND	2	0500	0.150
Nickel	04/03/03	10.8	100	5.00	0.700
Potassium	04/03/03	4670	NLE	1000	25.00
Selenium	04/03/03	ND	50	20.00	4.80
Silver	04/03/03	ND	20	5.00	0.600
Sodium	04/03/03	4850	50000	5000	1160
Thallium	04/03/03	ND	10	10.00	1.90
Vanadium	04/03/03	8.49	NLE	5.00	0.200
Zinc	04/03/03	1160	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L. = Reporting limit. Note: The results reported between MDL and RL are estimated.

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

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

Lab ID #: 3013207
Sample Received: 03/21/03
Sample Matrix: Aqueous

Site: M8
Ft. Monmouth, New Jersey

Field ID#: M8MW15

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	04/03/03	158	200	200	21.8
Antimony	04/03/03	ND	20	20.00	3.70
Arsenic	04/03/03	ND	8	5.00	2.30
Barium	04/03/03	31.6	2000	5.00	0.500
Beryllium	04/03/03	0.025	20	0.500	0.020
Cadmium	04/03/03	0.648	4	2.00	0.400
Calcium	04/03/03	40800	NLE	1000	65.00
Chromium	04/03/03	2.15	100	5.00	1.00
Cobalt	04/03/03	0.345	NLE	2.00	0.300
Copper	04/03/03	13.4	1000	5.00	0.300
Iron	04/03/03	2390	300	500	78.00
Lead	04/03/03	2.56	10	5.00	0.800
Magnesium	04/03/03	9310	NLE	1000	11.00
Manganese	04/03/03	54.2	50	5.00	0.900
Mercury	04/01/03	ND	2	0500	0.150
Nickel	04/03/03	8.97	100	5.00	0.700
Potassium	04/03/03	5120	NLE	1000	25.00
Selenium	04/03/03	ND	50	20.00	4.80
Silver	04/03/03	ND	20	5.00	0.600
Sodium	04/03/03	39200	50000	5000	1160
Thallium	04/03/03	ND	10	10.00	1.90
Vanadium	04/03/03	1.91	NLE	5.00	0.200
Zinc	04/03/03	64.8	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L. = Reporting limit. Note: The results reported between MDL and RL are estimated.

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

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

Lab ID #: 3013208
Sample Received: 03/21/03
Sample Matrix: Aqueous

Site: M8
Ft. Monmouth, New Jersey

Field ID#: M8MW16

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	04/03/03	4460	200	200	21.8
Antimony	04/03/03	ND	20	20.00	3.70
Arsenic	04/03/03	ND	8	5.00	2.30
Barium	04/03/03	60.1	2000	5.00	0.500
Beryllium	04/03/03	1.58	20	0.500	0.020
Cadmium	04/03/03	16.9	4	2.00	0.400
Calcium	04/03/03	147000	NLE	1000	65.00
Chromium	04/03/03	4.25	100	5.00	1.00
Cobalt	04/03/03	2.74	NLE	2.00	0.300
Copper	04/03/03	66.1	1000	5.00	0.300
Iron	04/03/03	61000	300	500	78.00
Lead	04/03/03	11.2	10	5.00	0.800
Magnesium	04/03/03	43300	NLE	1000	11.00
Manganese	04/03/03	754	50	5.00	0.900
Mercury	04/01/03	ND	2	0500	0.150
Nickel	04/03/03	27.4	100	5.00	0.700
Potassium	04/03/03	16600	NLE	1000	25.00
Selenium	04/03/03	ND	50	20.00	4.80
Silver	04/03/03	ND	20	5.00	0.600
Sodium	04/03/03	101000	50000	5000	1160
Thallium	04/03/03	ND	10	10.00	1.90
Vanadium	04/03/03	2.67	NLE	5.00	0.200
Zinc	04/03/03	628	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L. = Reporting limit. Note: The results reported between MDL and RL are estimated.

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

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

Lab ID #: 3013209
Sample Received: 03/21/03
Sample Matrix: Aqueous

Site: M8
Ft. Monmouth, New Jersey

Field ID#: M8MW17

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	04/03/03	155	200	200	21.8
Antimony	04/03/03	ND	20	20.00	3.70
Arsenic	04/03/03	8.56	8	5.00	2.30
Barium	04/03/03	33.9	2000	5.00	0.500
Beryllium	04/03/03	ND	20	0.500	0.020
Cadmium	04/03/03	ND	4	2.00	0.400
Calcium	04/03/03	110000	NLE	1000	65.00
Chromium	04/03/03	1.17	100	5.00	1.00
Cobalt	04/03/03	ND	NLE	2.00	0.300
Copper	04/03/03	12.4	1000	5.00	0.300
Iron	04/03/03	8010	300	500	78.00
Lead	04/03/03	3.79	10	5.00	0.800
Magnesium	04/03/03	8700	NLE	1000	11.00
Manganese	04/03/03	59.7	50	5.00	0.900
Mercury	04/01/03	ND	2	0500	0.150
Nickel	04/03/03	1.06	100	5.00	0.700
Potassium	04/03/03	2560	NLE	1000	25.00
Selenium	04/03/03	7.81	50	20.00	4.80
Silver	04/03/03	ND	20	5.00	0.600
Sodium	04/03/03	13900	50000	5000	1160
Thallium	04/03/03	ND	10	10.00	1.90
Vanadium	04/03/03	15.4	NLE	5.00	0.200
Zinc	04/03/03	18.5	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L. = Reporting limit. Note: The results reported between MDL and RL are estimated.

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

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

Lab ID #: 3013210
Sample Received: 03/21/03
Sample Matrix: Aqueous

Site: M8
Ft. Monmouth, New Jersey

Field ID#: M8MW18

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	04/03/03	184	200	200	21.8
Antimony	04/03/03	ND	20	20.00	3.70
Arsenic	04/03/03	ND	8	5.00	2.30
Barium	04/03/03	234	2000	5.00	0.500
Beryllium	04/03/03	ND	20	0.500	0.020
Cadmium	04/03/03	0.778	4	2.00	0.400
Calcium	04/03/03	92500	NLE	1000	65.00
Chromium	04/03/03	1.31	100	5.00	1.00
Cobalt	04/03/03	ND	NLE	2.00	0.300
Copper	04/03/03	8.79	1000	5.00	0.300
Iron	04/03/03	2730	300	500	78.00
Lead	04/03/03	7.62	10	5.00	0.800
Magnesium	04/03/03	38100	NLE	1000	11.00
Manganese	04/03/03	315	50	5.00	0.900
Mercury	04/01/03	ND	2	0500	0.150
Nickel	04/03/03	3.33	100	5.00	0.700
Potassium	04/03/03	23500	NLE	1000	25.00
Selenium	04/03/03	8.29	50	20.00	4.80
Silver	04/03/03	ND	20	5.00	0.600
Sodium	04/04/03	196000	50000	5000	1160
Thallium	04/03/03	ND	10	10.00	1.90
Vanadium	04/03/03	1.55	NLE	5.00	0.200
Zinc	04/03/03	214	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L. = Reporting limit: Note: The results reported between MDL and RL are estimated.

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

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

Lab ID #: 3013211
Sample Received: 03/21/03
Sample Matrix: Aqueous

Site: M8
Ft. Monmouth, New Jersey

Field ID#: M8MW19

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	04/03/03	137	200	200	21.8
Antimony	04/03/03	ND	20	20.00	3.70
Arsenic	04/03/03	2.60	8	5.00	2.30
Barium	04/03/03	25.6	2000	5.00	0.500
Beryllium	04/03/03	0.0956	20	0.500	0.020
Cadmium	04/03/03	7.44	4	2.00	0.400
Calcium	04/03/03	57200	NLE	1000	65.00
Chromium	04/03/03	ND	100	5.00	1.00
Cobalt	04/03/03	ND	NLE	2.00	0.300
Copper	04/03/03	7.91	1000	5.00	0.300
Iron	04/03/03	3380	300	500	78.00
Lead	04/03/03	3.35	10	5.00	0.800
Magnesium	04/03/03	6170	NLE	1000	11.00
Manganese	04/03/03	14.4	50	5.00	0.900
Mercury	04/01/03	ND	2	0500	0.150
Nickel	04/03/03	14.1	100	5.00	0.700
Potassium	04/03/03	2040	NLE	1000	25.00
Selenium	04/03/03	ND	50	20.00	4.80
Silver	04/03/03	ND	20	5.00	0.600
Sodium	04/03/03	7130	50000	5000	1160
Thallium	04/03/03	ND	10	10.00	1.90
Vanadium	04/03/03	1.12	NLE	5.00	0.200
Zinc	04/03/03	1260	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L. = Reporting limit. Note: The results reported between MDL and RL are estimated.

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

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

Lab ID #: 3013212
Sample Received: 03/21/03
Sample Matrix: Aqueous

Site: M8
Ft. Monmouth, New Jersey

Field ID#: M8MW20

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	04/03/03	135	200	200	21.8
Antimony	04/03/03	ND	20	20.00	3.70
Arsenic	04/03/03	ND	8	5.00	2.30
Barium	04/03/03	51.4	2000	5.00	0.500
Beryllium	04/03/03	0.0295	20	0.500	0.020
Cadmium	04/03/03	0.673	4	2.00	0.400
Calcium	04/03/03	46400	NLE	1000	65.00
Chromium	04/03/03	12.6	100	5.00	1.00
Cobalt	04/03/03	ND	NLE	2.00	0.300
Copper	04/03/03	9.53	1000	5.00	0.300
Iron	04/03/03	4590	300	500	78.00
Lead	04/03/03	ND	10	5.00	0.800
Magnesium	04/03/03	51400	NLE	1000	11.00
Manganese	04/03/03	42.9	50	5.00	0.900
Mercury	04/01/03	ND	2	0500	0.150
Nickel	04/03/03	ND	100	5.00	0.700
Potassium	04/03/03	26900	NLE	1000	25.00
Selenium	04/03/03	ND	50	20.00	4.80
Silver	04/03/03	1.31	20	5.00	0.600
Sodium	04/04/03	352000	50000	5000	1160
Thallium	04/03/03	ND	10	10.00	1.90
Vanadium	04/03/03	14.8	NLE	5.00	0.200
Zinc	04/03/03	50.2	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L. = Reporting limit. Note: The results reported between MDL and RL are estimated.

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

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

Lab ID #: 3013213
Sample Received: 03/21/03
Sample Matrix: Aqueous

Site: M8
Ft. Monmouth, New Jersey

Field ID#: M8MW21

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	04/03/03	869	200	200	21.8
Antimony	04/03/03	ND	20	20.00	3.70
Arsenic	04/03/03	ND	8	5.00	2.30
Barium	04/03/03	17.6	2000	5.00	0.500
Beryllium	04/03/03	0.0764	20	0.500	0.020
Cadmium	04/03/03	2.59	4	2.00	0.400
Calcium	04/03/03	127000	NLE	1000	65.00
Chromium	04/03/03	2.41	100	5.00	1.00
Cobalt	04/03/03	0.351	NLE	2.00	0.300
Copper	04/03/03	14.0	1000	5.00	0.300
Iron	04/03/03	2600	300	500	78.00
Lead	04/03/03	1.50	10	5.00	0.800
Magnesium	04/03/03	47100	NLE	1000	11.00
Manganese	04/03/03	11.8	50	5.00	0.900
Mercury	04/01/03	ND	2	0500	0.150
Nickel	04/03/03	9.02	100	5.00	0.700
Potassium	04/03/03	16300	NLE	1000	25.00
Selenium	04/03/03	13.7	50	20.00	4.80
Silver	04/03/03	ND	20	5.00	0.600
Sodium	04/04/03	314000	50000	5000	1160
Thallium	04/03/03	ND	10	10.00	1.90
Vanadium	04/03/03	2.55	NLE	5.00	0.200
Zinc	04/03/03	538	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L. = Reporting limit. Note: The results reported between MDL and RL are estimated.

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

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

Lab ID #: 3013214
Sample Received: 03/21/03
Sample Matrix: Aqueous

Site: M8
Ft. Monmouth, New Jersey

Field ID#: M8MW22

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	04/03/03	147	200	200	21.8
Antimony	04/03/03	ND	20	20.00	3.70
Arsenic	04/03/03	ND	8	5.00	2.30
Barium	04/03/03	17.0	2000	5.00	0.500
Beryllium	04/03/03	ND	20	0.500	0.020
Cadmium	04/03/03	1.38	4	2.00	0.400
Calcium	04/03/03	48400	NLE	1000	65.00
Chromium	04/03/03	ND	100	5.00	1.00
Cobalt	04/03/03	4.95	NLE	2.00	0.300
Copper	04/03/03	7.00	1000	5.00	0.300
Iron	04/03/03	2420	300	500	78.00
Lead	04/03/03	1.63	10	5.00	0.800
Magnesium	04/03/03	58800	NLE	1000	11.00
Manganese	04/03/03	420	50	5.00	0.900
Mercury	04/01/03	ND	2	0500	0.150
Nickel	04/03/03	12.2	100	5.00	0.700
Potassium	04/03/03	26200	NLE	1000	25.00
Selenium	04/03/03	9.11	50	20.00	4.80
Silver	04/03/03	ND	20	5.00	0.600
Sodium	04/04/03	490000	50000	5000	1160
Thallium	04/03/03	ND	10	10.00	1.90
Vanadium	04/03/03	0.617	NLE	5.00	0.200
Zinc	04/03/03	543	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L. = Reporting limit. Note: The results reported between MDL and RL are estimated.

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

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

Lab ID #: 3013215
Sample Received: 03/21/03
Sample Matrix: Aqueous

Site: M8
Monmouth, New Jersey

Field ID#: M8MW23

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	04/03/03	524	200	200	21.8
Antimony	04/03/03	4.16	20	20.00	3.70
Arsenic	04/03/03	3.17	8	5.00	2.30
Barium	04/03/03	21.3	2000	5.00	0.500
Beryllium	04/03/03	0.144	20	0.500	0.020
Cadmium	04/03/03	0.513	4	2.00	0.400
Calcium	04/03/03	48200	NLE	1000	65.00
Chromium	04/03/03	3.25	100	5.00	1.00
Cobalt	04/03/03	0.575	NLE	2.00	0.300
Copper	04/03/03	7.07	1000	5.00	0.300
Iron	04/03/03	3190	300	500	78.00
Lead	04/03/03	32.4	10	5.00	0.800
Magnesium	04/03/03	4930	NLE	1000	11.00
Manganese	04/03/03	70.2	50	5.00	0.900
Mercury	04/01/03	ND	2	0500	0.150
Nickel	04/03/03	4.47	100	5.00	0.700
Potassium	04/03/03	3020	NLE	1000	25.00
Selenium	04/03/03	ND	50	20.00	4.80
Silver	04/03/03	ND	20	5.00	0.600
Sodium	04/03/03	6130	50000	5000	1160
Thallium	04/03/03	ND	10	10.00	1.90
Vanadium	04/03/03	5.52	NLE	5.00	0.200
Zinc	04/03/03	2010	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L. = Reporting limit. Note: The results reported between MDL and RL are estimated.

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

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

Lab ID #: 3012704
Sample Received: 03/20/03
Sample Matrix: AQ

Site: M8

Field ID: M8MW24

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	03/24/03	44.6	200	200	21.8
Antimony	03/24/03	ND	20	20.00	3.70
Arsenic	03/24/03	ND	8	5.00	2.30
Barium	03/24/03	185	2000	5.00	0.500
Beryllium	03/24/03	0.100	20	0.500	0.020
Cadmium	03/24/03	0.586	4	2.00	0.400
Calcium	03/24/03	61300	NLE	1000	65.00
Chromium	03/24/03	ND	100	5.00	1.00
Cobalt	03/24/03	0.685	NLE	2.00	0.300
Copper	03/24/03	ND	1000	5.00	0.300
Iron	03/24/03	10400	300	500	78.00
Lead	03/24/03	ND	10	5.00	0.800
Magnesium	03/24/03	11900	NLE	1000	11.00
Manganese	03/24/03	88.8	50	5.00	0.900
Mercury	03/28/03	ND	2	0500	0.150
Nickel	03/24/03	1.48	100	5.00	0.700
Potassium	03/24/03	11300	NLE	1000	25.00
Selenium	03/24/03	ND	50	20.00	4.80
Silver	03/24/03	ND	20	5.00	0.600
Sodium	03/24/03	42100	50000	5000	1160
Thallium	03/24/03	ND	10	10.00	1.90
Vanadium	03/24/03	0.450	NLE	5.00	0.200
Zinc	03/24/03	9.55	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L. = Reporting limit. Note: The results reported between MDL and RL are estimated.

	Lab	Tetra chloro ethene	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	1	200	300	50	50000	8	100	10	-	-
06/24/1997	FMETL	5.04	56	370	22	38400	-	-	-	9.45	V,S,P,M
08/25/1997	FMETL	4.96	170.4	760	43	32350	-	-	-	9.80	V,S,P,M
10/31/1997	FMETL	7.64	182	19	7.7	18610	-	-	-	10.10	V,S,P,M
02/25/1998	FMETL	2.25	7205	18860	34.8	15640	-	-	-	7.31	V,S,P,M
06/04/1998	FMETL	5.49	1210	6520	14.1	16820	-	-	-	8.41	V,S,P,M
08/28/1998	FMETL	5.56	6580	18800	55.5	30700	-	-	-	10.29	V,S,P,M
11/04/1998	FMETL	21.68	1110	3360	13	22100	-	-	-	10.86	V,S,P,M
01/27/1999	FMETL	4.27	5040	16700	27.3	20800	ND	42.5	3	8.84	V,S,P,M
06/22/1999	FMETL	46.06	197	1380	13.6	38000	ND	1.53	ND	9.91	V,S,P,M
09/23/1999	FMETL	11.77	1930	5190	12.9	25000	ND	14.4	ND	9.52	V,S,P,M
12/28/1999	FMETL	19.76	ND	144	6.80	24100	ND	0.978	ND	8.76	V,S,P,M
03/15/2000	FMETL	15.64	1240	3860	12.0	16800	ND	4.78	ND	8.86	V,S,P,M
06/05/2000	FMETL	10.89	355	3090	12.4	36400	ND	5.75	ND	9.28	V,S,P,M
06/05/2000D	FMETL	6.66	253	2970	12.1	36200	ND	4.74	ND	9.28	V,S,P,M
09/06/2000	FMETL	7.63	1760	8540	13.9	43600	3.59	ND	ND	9.06	V,S,P,M
09/06/2000D	FMETL	6.93	1410	8760	17.0	44600	2.68	ND	1.40	9.06	V,S,P,M
12/13/2000	FMETL	3.42	401	2100	6.29	27000	ND	4.12	ND	9.86	V,S,P,M
12/13/2000D	FMETL	6.68	434	2320	6.77	26900	ND	4.90	ND	9.86	V,S,P,M
03/20/2001	FMETL	4.72	870	3420	19.3	29800	ND	8.60	3.00	8.54	V,S,P,M
06/08/2001	FMETL	6.59	508	14000	136	82300	5.65	4.84	1.46	8.47	V,S,P,M
06/08/2001D	FMETL	6.41	409	13500	135	82200	6.64	4.09	1.53	8.47	V,S,P,M
09/24/2001	FMETL	7.24	2530	23300	148	125000	ND	22.0	2.97	10.30	V,S,P,M
12/17/2001	FMETL	25.43	290	14800	67.8	101000	ND	3.56	2.08	10.81	V,S,P,M
12/17/2001D	FMETL	15.60	328	15200	63.8	97500	3.41	4.25	3.23	10.81	V,S,P,M
03/21/2002	FMETL	29.19	568	4750	19.6	74000	4.44	4.66	ND	9.49	V,S,P,M
06/11/2002	FMETL	29.04	553	3890	21.1	62700	ND	4.79	ND	8.75	V,S,P,M
09/23/2002	FMETL	11.44	847	42100	156	51200	16.8	9.05	3.78	9.42	V,S,P,M
12/13/2002	FMETL	9.51	133	24900	64.2	50400	6.46	1.14	ND	8.08	V,S,P,M
03/21/2003	FMETL	4.45	80.3	5310	20.6	24700	4.30	ND	ND	8.30	V,S,P,M

SOURCE: 00M8MW12

Sampling Dates:
06/24/1997 - 03/21/2003

NOTES:

FORT MONMOUTH

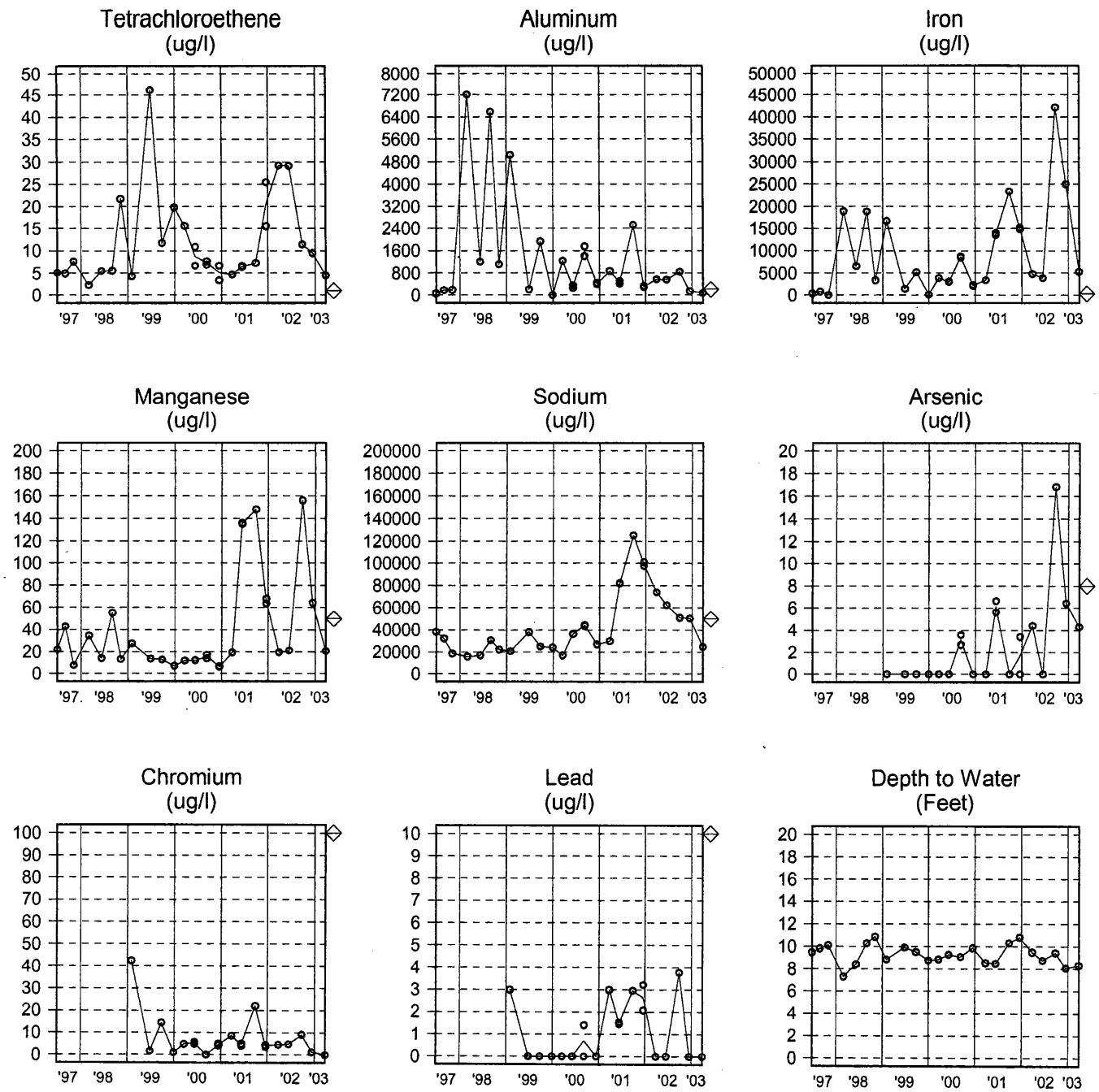
GW MONITORING
M-8 Bldg 697

Source 1 of 14

Silver in blank > Criteria, sample date 6/97.

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

05-27-2003 X:\MtechData\M-8\M8.WSF



SOURCE: 00M8MW12

Sampling Dates:
06/24/1997 - 03/21/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 1 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

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

05-27-2003 X:\MtechData\M-8\M8.WSF

	Lab	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Mercury	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	200	300	50	50000	8	100	10	2	-	-
06/24/1997	FMETL	364	23650	148	1083000	-	-	-		7.00	V,S,P,M
08/25/1997	FMETL	661	21830	135	155200	-	-	-	-	7.00	V,S,P,M
10/31/1997	FMETL	231	12560	234	3854000	-	-	-	-	7.00	V,S,P,M
02/25/1998	FMETL	3514	12190	35.5	113900	-	-	-	-	5.95	V,S,P,M
06/04/1998	FMETL	2039	41310	170	13970	-	-	-	-	6.71	V,S,P,M
08/28/1998	FMETL	225	24800	165	3540000	-	-	-	-	6.42	V,S,P,M
11/04/1998	FMETL	292	18300	160	4500000	-	-	-	-	6.17	V,S,P,M
01/27/1999	FMETL	577	5640	30.5	139000	ND	7.72	3.61	0.2	6.51	V,S,P,M
06/22/1999	FMETL	1720	26200	204	2800000	3.12	3.05	ND	ND	6.78	V,S,P,M
09/23/1999	FMETL	138	14400	149	1420000	ND	11.1	3.76	ND	6.30	V,S,P,M
12/28/1999	FMETL	360	6410	14.3	204000	ND	7.09	5.96	0.1	6.83	V,S,P,M
03/15/2000	FMETL	815	6950	9.23	131000	2.31	8.32	4.14	ND	6.62	V,S,P,M
06/05/2000	FMETL	141	13900	207	364000	3.01	22.4	ND	ND	6.05	V,S,P,M
09/06/2000	FMETL	642	12300	65.0	489000	2.59	ND	27.0	0.13	6.66	V,S,P,M
12/13/2000	FMETL	1490	15600	70.9	379000	7.46	18.4	10.6	0.22	7.12	V,S,P,M
03/20/2001	FMETL	870	3440	19.2	29500	ND	8.90	1.00	ND	6.56	V,S,M,P
06/08/2001	FMETL	1180	42800	561	364000	6.69	7.62	31.2	0.34	6.76	V,S,P,M
09/24/2001	FMETL	660	64900	636	2570000	ND	9.64	6.13	ND	6.84	V,S,P,M
12/17/2001	FMETL	1270	68700	409	ND	6.01	10.0	29.3	0.20	5.64	V,S,P,M
03/21/2002	FMETL	506	3430	25.1	240000	4.37	3.47	4.62	0.18	6.47	V,S,P,M
06/11/2002	FMETL	883	5770	97.4	504000	ND	6.88	8.08	0.16	6.40	V,S,P,M
09/23/2002	FMETL	179	38200	421	2110000	ND	5.43	5.99	ND	5.58	V,S,P,M
12/10/2002	FMETL	12.6	5940	204	700000	ND	2.41	ND	0.13	5.21	V,S,P,M
03/21/2003	FMETL	222	16400	4.35	179000	3.27	2.10	9.38	ND	6.29	V,S,P,M

SOURCE: 00M8MW13

Sampling Dates:
06/24/1997 - 03/21/2003

NOTES:

FORT MONMOUTH

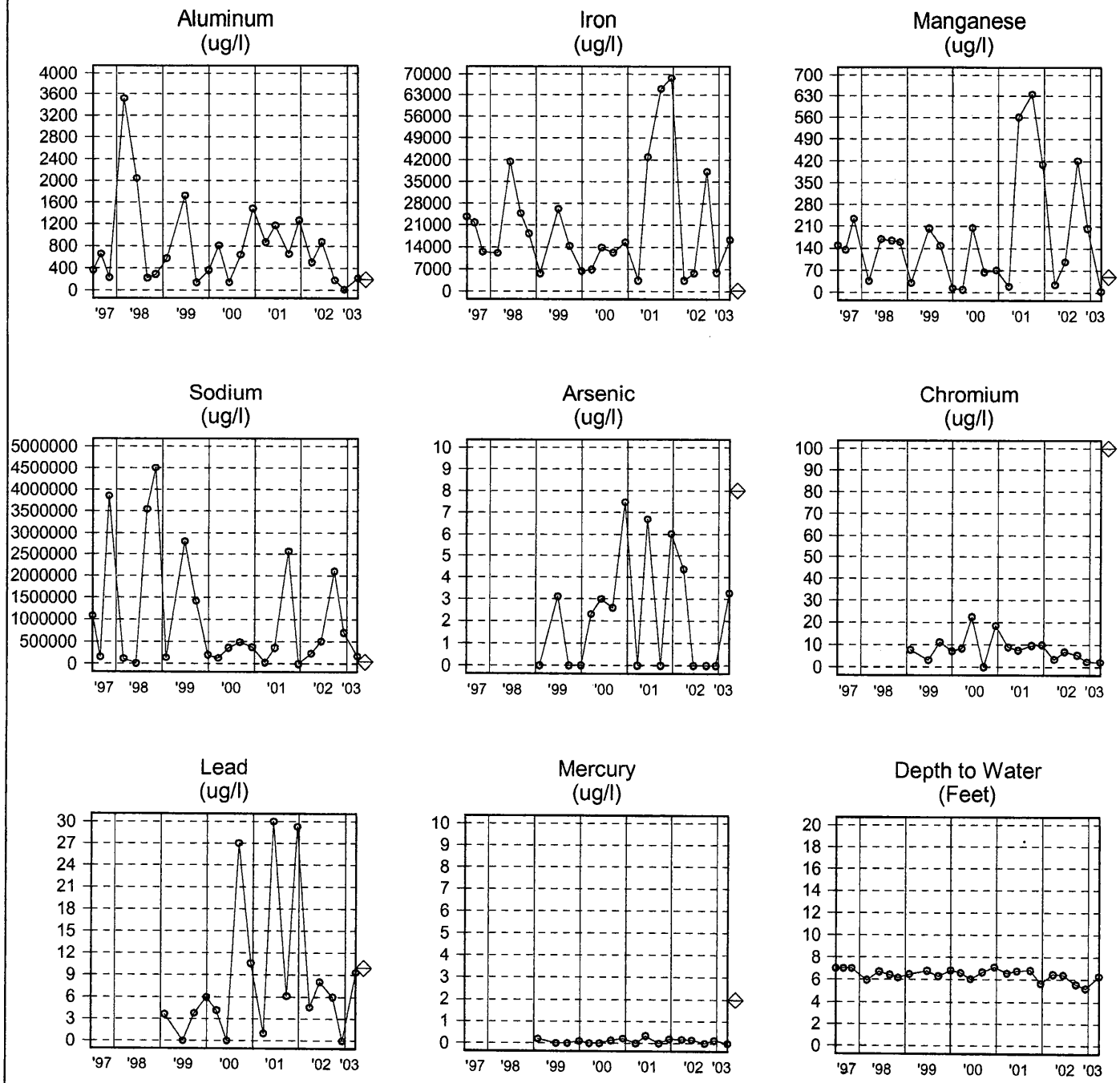
GW MONITORING
M-8 Bldg 697

Source 2 of 14

Silver in blank > Criteria, sample date 6/97.

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

05-27-2003 X:\MtechData\M-8\M8.WSF



SOURCE: 00M8MW13

Sampling Dates:
06/24/1997 - 03/21/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 2 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

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

05-27-2003 X:\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	4	200	300	50	50000	8	100	10	-	-
06/24/1997	FMETL	16	227	47000	288	179000	-	-	-	8.05	V,S,P,M
08/25/1997	FMETL	6.49	65	20880	549	125800	-	-	-	8.15	V,S,P,M
10/31/1997	FMETL	4.38	203	25450	340	182300	-	-	-	8.30	V,S,P,M
02/25/1998	FMETL	4.97	1029	33710	366	109200	-	-	-	6.22	V,S,P,M
06/04/1998	FMETL	7.79	727	43420	332	204600	-	-	-	7.68	V,S,P,M
08/28/1998	FMETL	6.47	275	34800	315	288000	-	-	-	8.34	V,S,P,M
11/04/1998	FMETL	6.21	226	41900	380	447000	-	-	-	8.19	V,S,P,M
01/27/1999	FMETL	3.95	215	37400	402	195000	ND	10.6	2.73	7.45	V,S,P,M
06/22/1999	FMETL	5.12	685	33000	306	342000	ND	8.47	ND	8.25	V,S,P,M
09/23/1999	FMETL	4.43	246	26600	296	215000	ND	8.86	5.89	7.57	V,S,P,M
12/28/1999	FMETL	ND	1480	26900	90.9	19300	ND	12.0	15.9	7.99	V,S,P,M
03/15/2000	FMETL	2.91	396	21000	236	93700	ND	7.34	ND	7.64	V,S,P,M
06/05/2000	FMETL	ND	447	11600	58.9	15000	ND	8.33	4.59	7.86	V,S,P,M
09/06/2000	FMETL	3.03	369	17200	284	132000	ND	ND	17.2	7.53	V,S,P,M
12/13/2000	FMETL	1.75	1350	29600	262	152000	ND	15.1	10.2	8.18	V,S,P,M
03/20/2001	FMETL	1.34	4460	34400	206	109000	10.0	38.1	15.0	7.78	V,S,P,M
06/08/2001	FMETL	ND	217	1790	84.4	6050	ND	2.14	2.71	7.88	V,S,P,M
09/24/2001	FMETL	ND	103	10900	237	32400	ND	1.92	ND	7.91	V,S,P,M
12/17/2001	FMETL	1.03	ND	19700	408	93700	ND	ND	3.52	8.16	V,S,P,M
03/21/2002	FMETL	ND	454	981	15.6	4880	2.78	2.74	1.55	6.47	V,S,P,M
06/11/2002	FMETL	ND	207	2870	125	4840	ND	2.44	ND	7.68	V,S,P,M
09/23/2002	FMETL	ND	118	16200	812	14600	2.51	1.68	3.14	9.70	V,S,P,M
12/10/2002	FMETL	ND	49.3	4940	235	18500	ND	1.16	ND	8.31	V,S,P,M
03/21/2003	FMETL	ND	311	12700	31.1	4850	4.99	1.80	4.52	6.51	V,S,P,M

SOURCE: 00M8MW14

Sampling Dates:
06/24/1997 - 03/21/2003

NOTES:

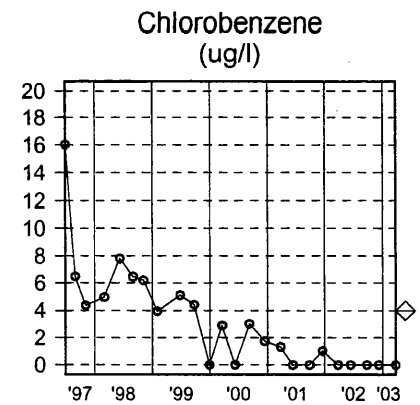
FORT MONMOUTH

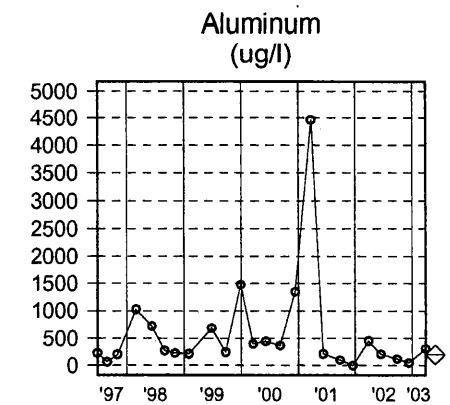
GW MONITORING
M-8 Bldg 697

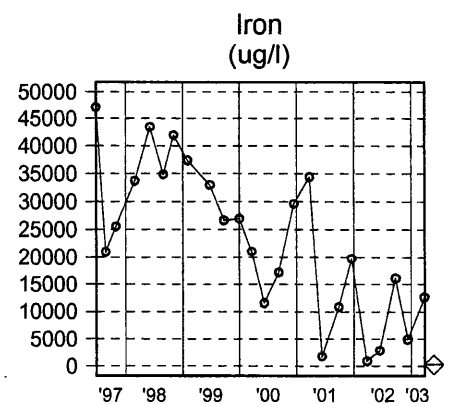
Source 3 of 14

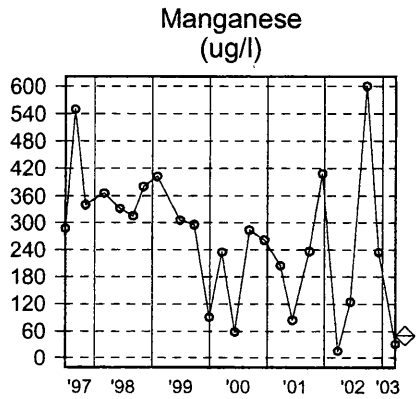
Silver in blank > Criteria, sample date 6/97.

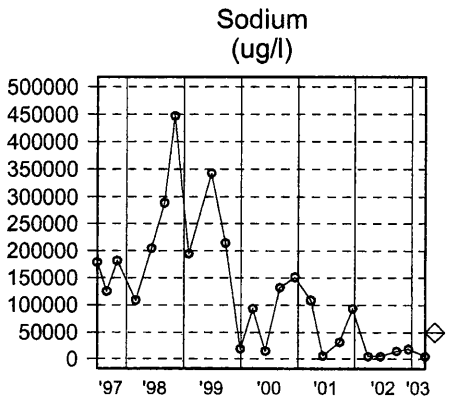
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

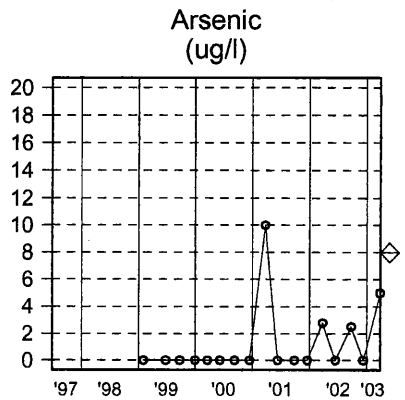


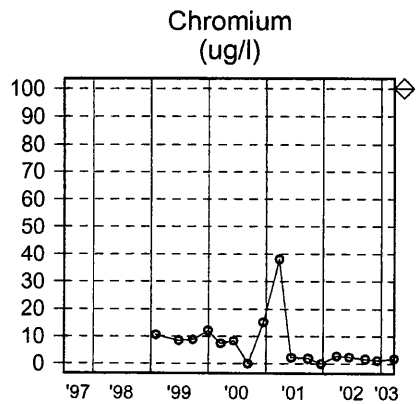


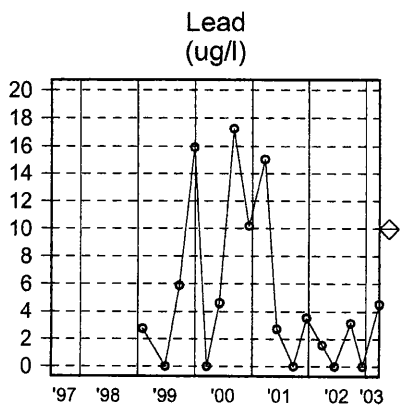


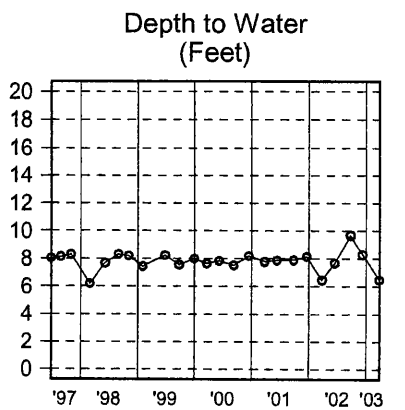












SOURCE: 00M8MW14

Sampling Dates:
06/24/1997 - 03/21/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 3 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

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

05-27-2003 X:\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	4	200	300	50	50000	8	100	10	-	-
06/24/1997	FMETL	13.7	136	9670	239	200400	-	-	-	6.50	V,S,P,M
08/25/1997	FMETL	9.30	57.7	14870	348	224700	-	-	-	6.00	V,S,P,M
10/31/1997	FMETL	6.44	515	7332	267	147500	-	-	-	6.80	V,S,P,M
02/25/1998	FMETL	ND	777	15210	508	84840	-	-	-	3.50	V,S,P,M
06/04/1998	FMETL	12.09	318	15770	364	116500	-	-	-	4.76	V,S,P,M
08/28/1998	FMETL	17.78	194	9240	247	314000	-	-	-	5.67	V,S,P,M
11/04/1998	FMETL	29.43	140	8740	357	326000	-	-	-	5.78	V,S,P,M
01/27/1999	FMETL	ND	341	3150	106	46400	ND	8.25	2.79	3.86	V,S,P,M
06/22/1999	FMETL	16.16	258	14700	252	266000	4.69	7.46	ND	5.69	V,S,P,M
09/23/1999	FMETL	2.91	23.1	2950	73.4	120000	3.10	6.64	3.38	5.23	V,S,P,M
12/28/1999	FMETL	5.17	101	7800	123	68900	ND	5.74	2.58	5.28	V,S,P,M
03/15/2000	FMETL	ND	1670	6090	76.7	72700	3.21	17.6	7.19	4.68	V,S,P,M
06/05/2000	FMETL	ND	932	4360	136	67100	ND	13.7	4.11	6.21	V,S,P,M
09/06/2000	FMETL	6.63	528	6610	211	144000	2.37	ND	ND	5.12	V,S,P,M
12/13/2000	FMETL	35.03	571	21600	345	228000	ND	9.00	ND	5.87	V,S,P,M
03/20/2001	FMETL	12.4	350	14300	313	156000	13.0	10.3	ND	4.56	V,S,P,M
06/08/2001	FMETL	4.14	321	2430	71.2	104000	ND	3.72	4.36	5.62	V,S,P,M
12/17/2001	FMETL	5.93	ND	12900	250	833000	2.76	2.27	5.93	5.98	V,S,P,M
03/21/2002	FMETL	ND	5500	15100	46.3	96500	11.5	40.6	16.0	4.22	V,S,P,M
06/11/2002	FMETL	2.15	4910	20500	81.9	113000	5.91	41.8	14.3	5.55	V,S,P,M
09/25/2002	FMETL	25.81	89.5	8130	157	167000	10.4	2.63	1.71	5.45	V,S,P,M
12/13/2002	FMETL	ND	171	4240	39.2	37600	ND	1.89	ND	6.06	V,S,P,M
03/21/2003	FMETL	ND	158	2390	54.2	39200	ND	2.15	2.56	3.77	V,S,P,M

SOURCE: 00M8MW15

Sampling Dates:
06/24/1997 - 03/21/2003

NOTES:

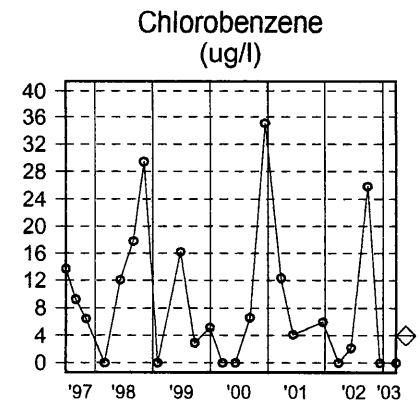
FORT MONMOUTH

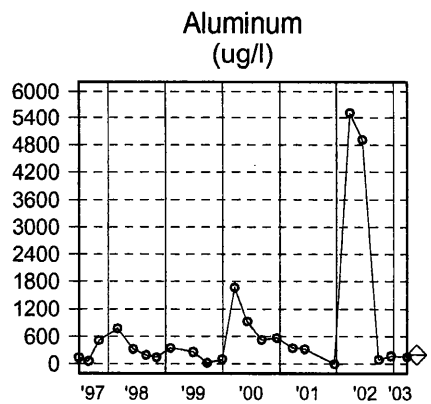
GW MONITORING
M-8 Bldg 697

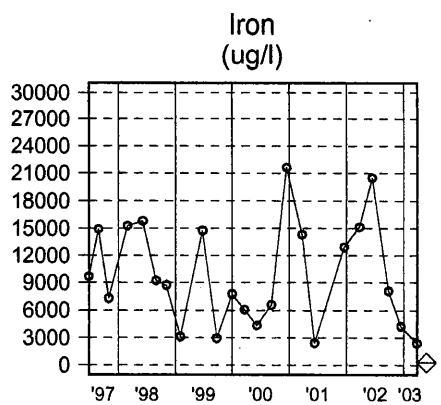
Source 4 of 14

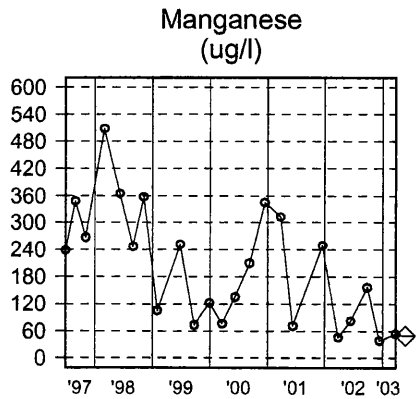
Silver in blank > Criteria, sample date 6/97.

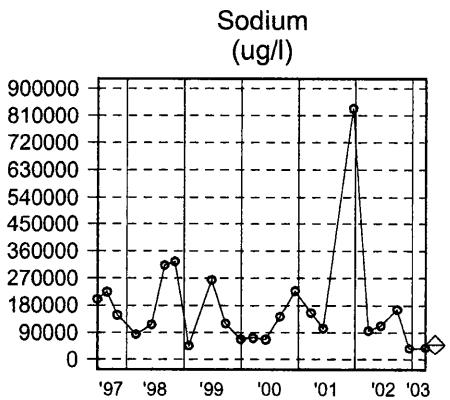
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

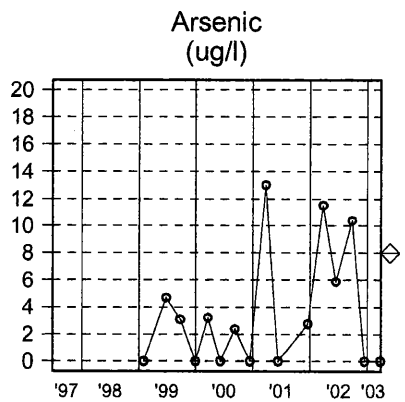


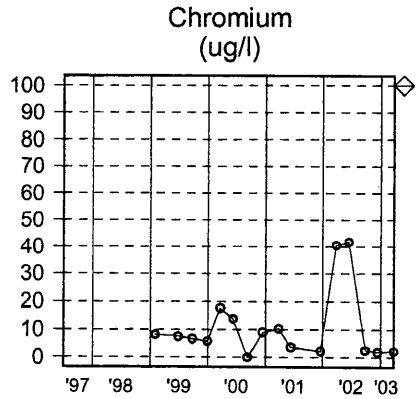


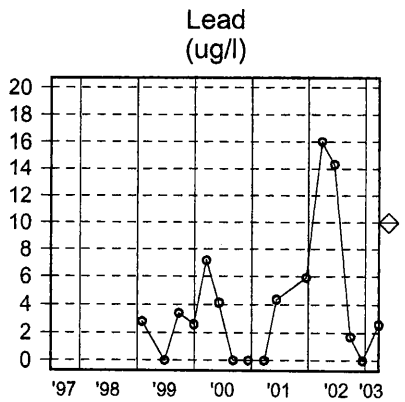


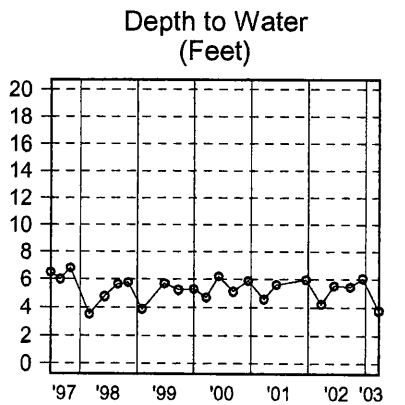












SOURCE: 00M8MW15

Sampling Dates:
06/24/1997 - 03/21/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 4 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

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

05-27-2003 X:\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Aluminum	Iron	Manganese	Sodium	Arsenic	Lead	Mercury	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	4	200	300	50	50000	8	10	2	-	-
09/23/1998	FMETL	1.16	20200	86100	1420	3860000	36	256	11.4	8.93	V,S,P,M
10/20/1998	FMETL	ND	200	30200	838	2710000	3.51	12.2	1.02	8.55	V,S,P,M
01/27/1999	FMETL	1.12	1230	20800	611	933000	3.73	6.01	0.5	8.67	V,S,P,M
06/22/1999	FMETL	18.38	1480	50800	1290	191000	3.80	3.41	0.6	8.52	V,S,P,M
09/23/1999	FMETL	1.74	20500	26000	1710	188000	5.68	20.0	3.1	8.23	V,S,P,M
12/28/1999	FMETL	ND	29800	49600	945	127000	7.71	45.2	4.11	8.74	V,S,P,M
03/15/2000	FMETL	ND	4970	29300	449	27600	3.61	4.77	1.0	8.03	V,S,P,M
06/05/2000	FMETL	ND	4400	28500	573	146000	5.34	11.7	0.95	8.06	V,S,P,M
09/06/2000	FMETL	14.92	10500	58800	1770	437000	11.1	39.5	2.37	8.27	V,S,P,M
12/13/2000	FMETL	ND	3330	21800	308	92000	7.43	18.3	1.43	8.73	V,S,P,M
03/20/2001	FMETL	ND	7670	44700	144	24100	14.0	15.0	1.36	8.25	V,S,P,M
06/08/2001	FMETL	1.02	1490	40800	926	107000	4	12.2	0.74	8.43	V,S,P,M
09/24/2001	FMETL	2.55	5440	56800	1140	606000	3.88	22.6	1.43	8.71	V,S,P,M
12/17/2001	FMETL	ND	7700	78700	932	864000	11.1	218	2.60	8.73	V,S,P,M
03/21/2002	FMETL	ND	2340	24200	802	234000	5.01	5.11	0.54	7.58	V,S,P,M
06/11/2002	FMETL	ND	11400	33400	477	113000	6.76	30.5	2.47	8.24	V,S,P,M
09/25/2002	FMETL	8.72	8260	34000	1920	300000	12.9	15.0	1.80	8.41	V,S,P,M
12/13/2002	FMETL	2.02	1440	7560	738	119000	ND	ND	0.98	5.31	V,S,P,M
03/21/2003	FMETL	6.49	4460	61000	754	101000	ND	11.2	ND	7.73	V,S,P,M

SOURCE: 00M8MW16

Sampling Dates:
09/23/1998 - 03/21/2003

NOTES:

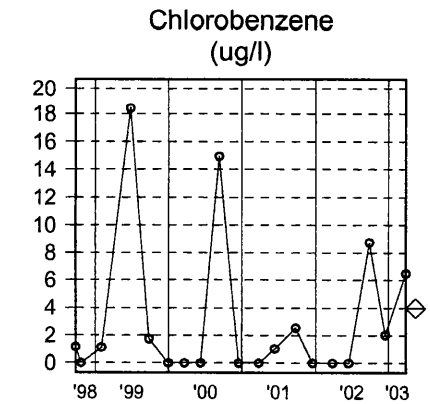
FORT MONMOUTH

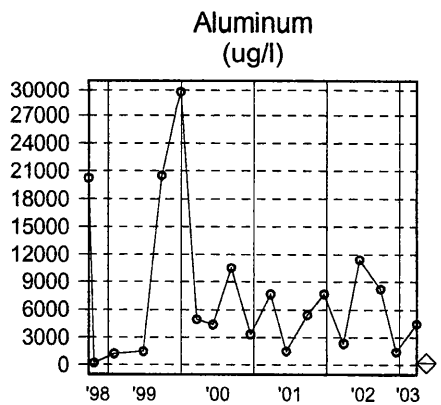
GW MONITORING
M-8 Bldg 697

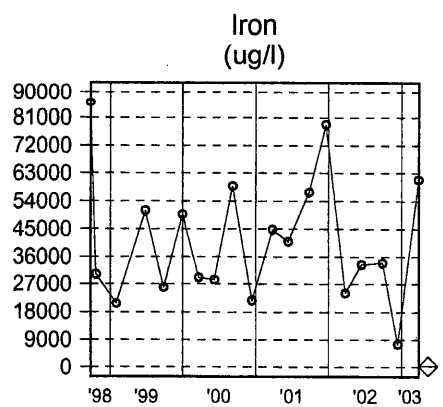
Source 6 of 14

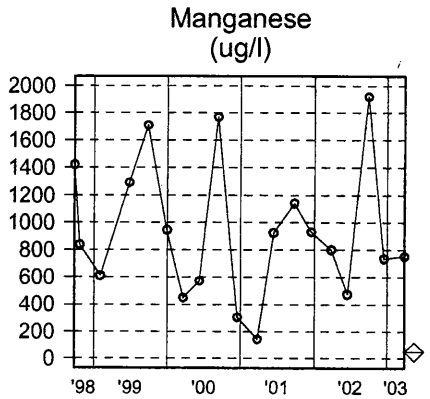
Silver in blank > Criteria, sample date 6/97.

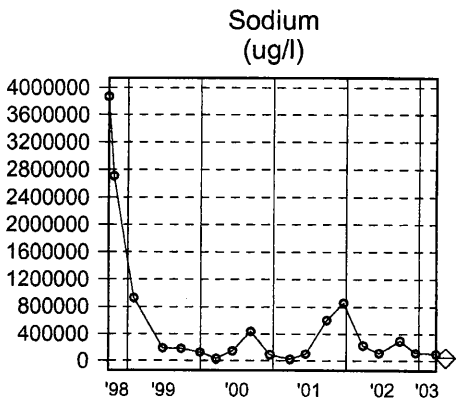
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

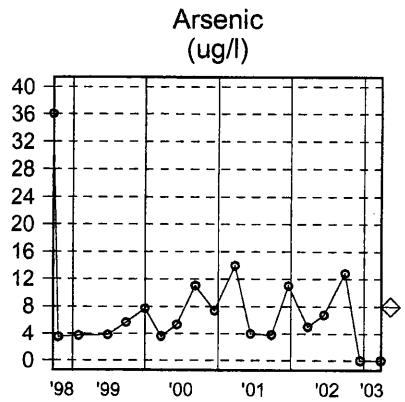


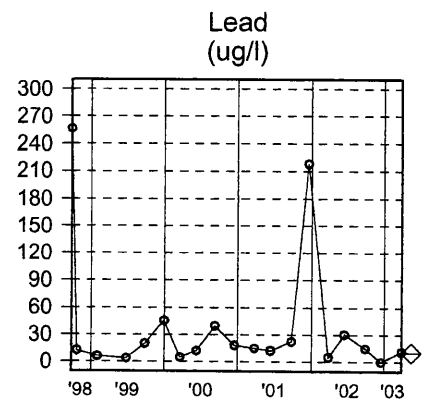


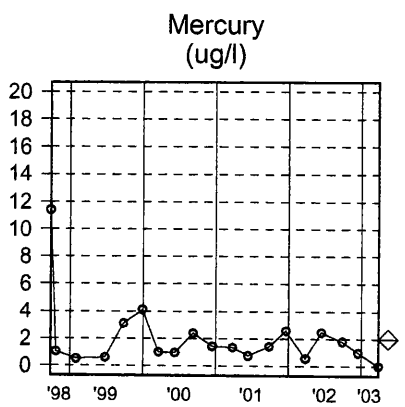


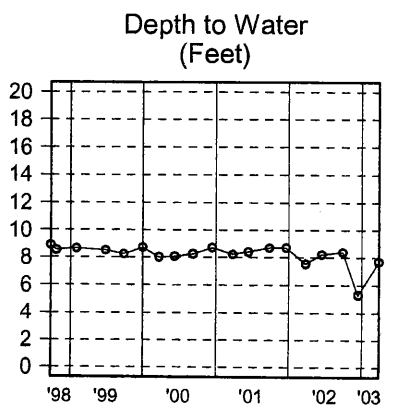












SOURCE: 00M8MW16

Sampling Dates:
09/23/1998 - 03/21/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 6 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

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

05-27-2003 X:\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	4	200	300	50	50000	8	100	-		-
09/23/1998	FMETL	2.82	8040	41900	543	2120000	19	74.7	7.08		V,S,P,M
10/20/1998	FMETL	6.61	3650	25600	452	796000	ND	26.6	7.02		V,S,P,M
01/27/1999	FMETL	ND	1860	15100	111	66600	2.47	18.7	6.16		V,S,P,M
06/22/1999	FMETL	5.59	2930	16300	408	267000	6.83	26.9	6.91		V,S,P,M
09/23/1999	FMETL	ND	1100	28600	694	247000	6.26	15.7	6.35		V,S,P,M
12/28/1999	FMETL	5.98	6430	41500	55800	157000	6.65	64.5	6.53		V,S,P,M
03/15/2000	FMETL	ND	115	18600	621	34600	ND	4.23	6.29		V,S,P,M
06/05/2000	FMETL	3.96	977	15500	673	78600	13.4	22.9	8.09		V,S,P,M
09/06/2000	FMETL	2.97	3230	44600	787	82100	22.7	17.5	6.36		V,S,P,M
12/13/2000	FMETL	2.06	3660	48300	540	82400	25.0	41.0	6.69		V,S,P,M
03/20/2001	FMETL	2.53	ND	14500	608	56400	14.0	8.3	6.15		V,M,S,P
06/08/2001	FMETL	1.94	163	12700	557	44800	10.1	3.19	6.56		V,S,P,M
09/24/2001	FMETL	4.16	616	12600	530	914000	5.11	11.6	6.74		V,S,P,M
12/17/2001	FMETL	4.15	862	16100	498	2320000	8.99	14.0	7.00		V,S,P,M
03/21/2002	FMETL	4.09	1890	14500	464	236000	9.63	15.8	6.55		V,S,P,M
06/11/2002	FMETL	6.08	279	15100	597	129000	6.35	4.37	6.55		V,S,P,M
09/25/2002	FMETL	5.52	491	19100	705	179000	9.58	4.64	6.32		V,S,P,M
12/13/2002	FMETL	ND	26.1	5450	85.2	12700	3.18	ND	4.61		V,S,P,M
03/21/2003	FMETL	ND	155	8010	59.7	13900	8.56	1.17	5.70		V,S,P,M

SOURCE: 00M8MW17

Sampling Dates:
09/23/1998 - 03/21/2003

NOTES:

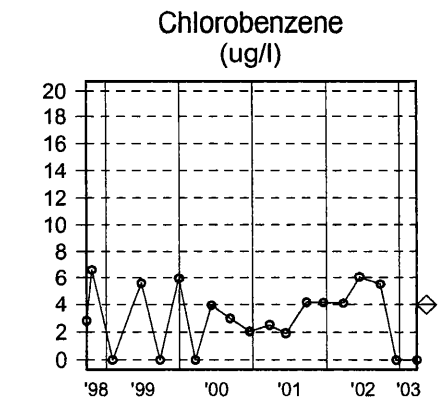
FORT MONMOUTH

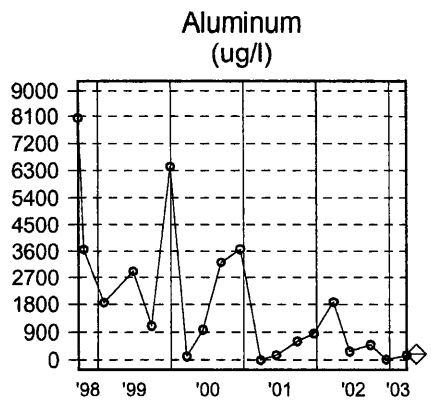
GW MONITORING
M-8 Bldg 697

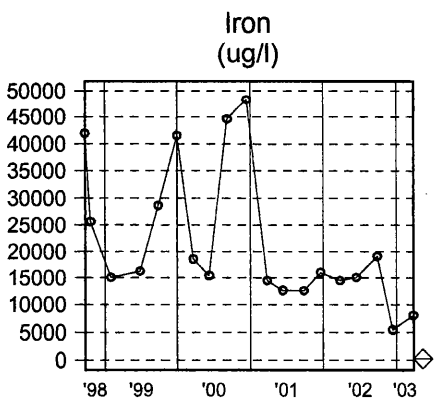
Source 7 of 14

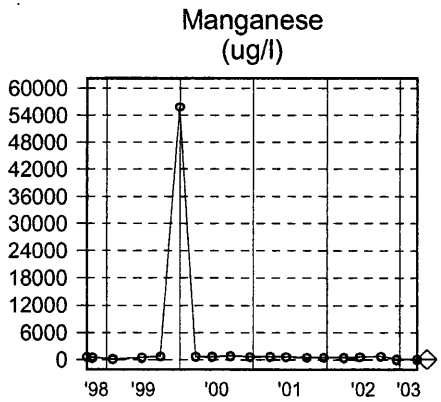
Silver in blank > Criteria, sample date 6/97.

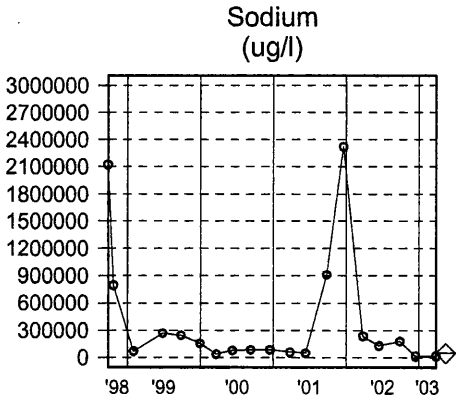
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

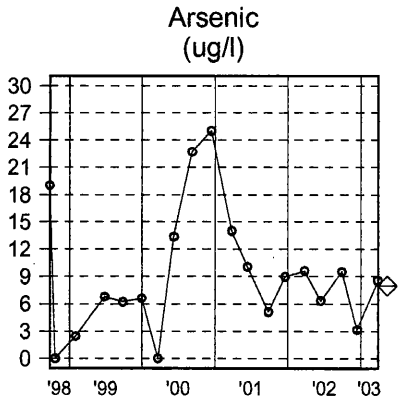


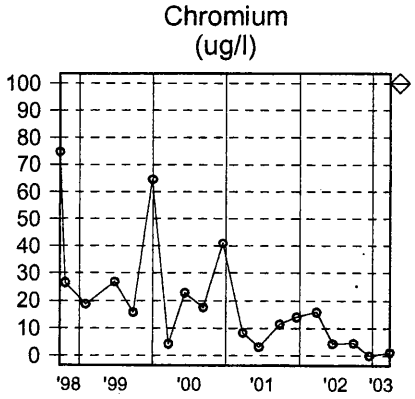


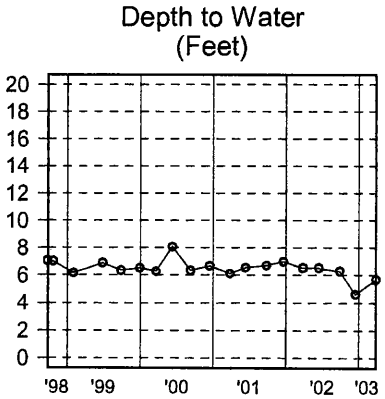












SOURCE: 00M8MW17

Sampling Dates:
09/23/1998 - 03/21/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 7 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

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

05-27-2003 X:\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Aluminum	Iron	Manganese	Sodium	Chromium	Lead	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	4	200	300	50	50000	100	10	-		-
09/30/1998	FMETL	16.43	378	10100	532	1260000	6.5	4	7.30		V,S,P,M
10/20/1998	FMETL	14.6	1050	8510	452	1430000	11.4	15.6	7.22		V,S,P,M
01/27/1999	FMETL	17.64	190	10300	570	724000	15.1	4.96	6.83		V,S,P,M
06/22/1999	FMETL	18.38	216	12000	531	466000	9.23	3.38	7.42		V,S,P,M
09/23/1999	FMETL	14.35	244	2900	397	910000	13.4	6.38	6.93		V,S,P,M
12/28/1999	FMETL	10.42	300	5840	456	541000	12.4	6.79	7.08		V,S,P,M
03/15/2000	FMETL	12.56	333	16400	645	181000	12.3	ND	6.94		V,S,P,M
06/05/2000	FMETL	8.00	184	4420	483	460000	27.8	73.3	6.08		V,S,P,M
09/06/2000	FMETL	18.69	60.3	24000	544	300000	ND	ND	7.06		V,S,P,M
12/13/2000	FMETL	18.69	188	23700	599	425000	15.5	35.2	6.96		V,S,P,M
03/20/2001	FMETL	14.32	120	31700	661	244000	11.8	ND	6.72		V,S,P,M
06/08/2001	FMETL	16.11	ND	20700	752	253000	3.22	4.10	6.76		V,S,P,M
09/24/2001	FMETL	16.33	ND	6760	656	1010000	9.41	ND	6.93		V,S,P,M
12/17/2001	FMETL	9.56	ND	5370	622	1880000	4.20	11.3	6.69		V,S,P,M
03/21/2002	FMETL	12.61	376	38800	523	625000	4.02	9.12	6.55		V,S,P,M
06/11/2002	FMETL	12.33	282	29500	521	685000	4.27	11.4	6.69		V,S,P,M
09/23/2002	FMETL	9.86	246	18700	473	565000	4.62	6.71	6.68		V,S,P,M
12/10/2002	FMETL	4.51	139	12000	351	243000	2.17	16.4	6.20		V,S,P,M
03/21/2003	FMETL	5.44	184	2730	315	196000	1.31	7.62	6.16		V,S,P,M

SOURCE: 00M8MW18

Sampling Dates:
09/30/1998 - 03/21/2003

NOTES:

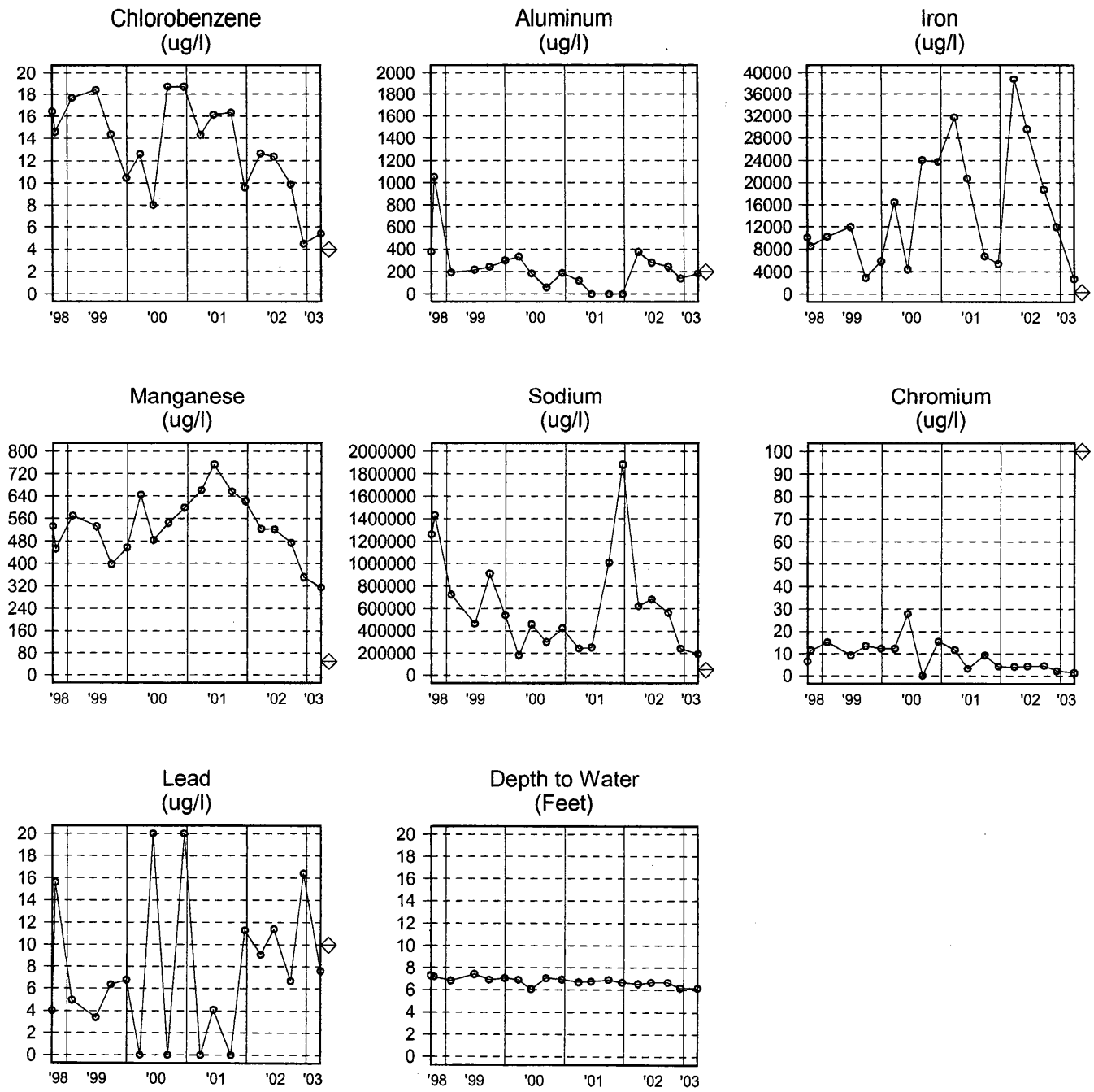
FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 8 of 14

Silver in blank > Criteria, sample date 6/97.

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



SOURCE: 00M8MW18

Sampling Dates:
09/30/1998 - 03/21/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 8 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

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

05-27-2003 X:\MtechData\M-8\M8.WSF

	Lab	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	200	300	50	50000	8	100	10	-		-
09/30/1998	FMETL	1170	20100	92.1	278000	5	8.1	2	7.19		V,S,P,M
10/20/1998	FMETL	5100	38600	104	252000	7.09	35	18	8.59		V,S,P,M
01/27/1999	FMETL	2100	14800	98.3	68800	3.17	17.3	8.5	8.03		V,S,P,M
06/22/1999	FMETL	162	20200	95.3	278000	ND	5.05	ND	8.47		V,S,P,M
09/23/1999	FMETL	103	17400	234	183000	ND	6.00	2.84	8.38		V,S,P,M
12/28/1999	FMETL	456	29900	257	120000	6.78	7.00	6.17	8.48		V,S,P,M
03/15/2000	FMETL	267	10300	102	37400	3.79	3.64	ND	8.33		V,S,P,M
06/05/2000	FMETL	53.5	7540	86.8	94500	ND	8.68	ND	7.08		V,S,P,M
09/06/2000	FMETL	79.5	24400	260	274000	ND	ND	ND	8.28		V,S,P,M
12/13/2000	FMETL	54.4	19100	234	181000	ND	6.66	ND	8.15		V,S,P,M
03/20/2001	FMETL	230	14500	46.2	39800	12.0	4.70	ND	7.75		V,S,P,M
06/08/2001	FMETL	49.1	24200	160	219000	ND	1.91	1.84	8.03		V,S,P,M
09/24/2001	FMETL	25.6	26700	256	312000	ND	2.63	ND	8.34		V,S,P,M
12/17/2001	FMETL	ND	25800	171	421000	ND	3.78	22.5	7.66		V,S,P,M
03/21/2002	FMETL	202	14000	72.3	48100	10.2	1.40	2.60	5.91		V,S,P,M
06/11/2002	FMETL	126	9290	86.0	60100	ND	0.947	ND	7.79		V,S,P,M
09/23/2002	FMETL	110	15400	185	74600	ND	1.47	1.25	7.39		V,S,P,M
12/10/2002	FMETL	49.7	5030	164	95300	ND	0.904	ND	7.10		V,S,P,M
03/21/2003	FMETL	137	3380	14.4	7130	2.60	ND	3.35	5.73		V,S,P,M

SOURCE: 00M8MW19

Sampling Dates:
09/30/1998 - 03/21/2003

NOTES:

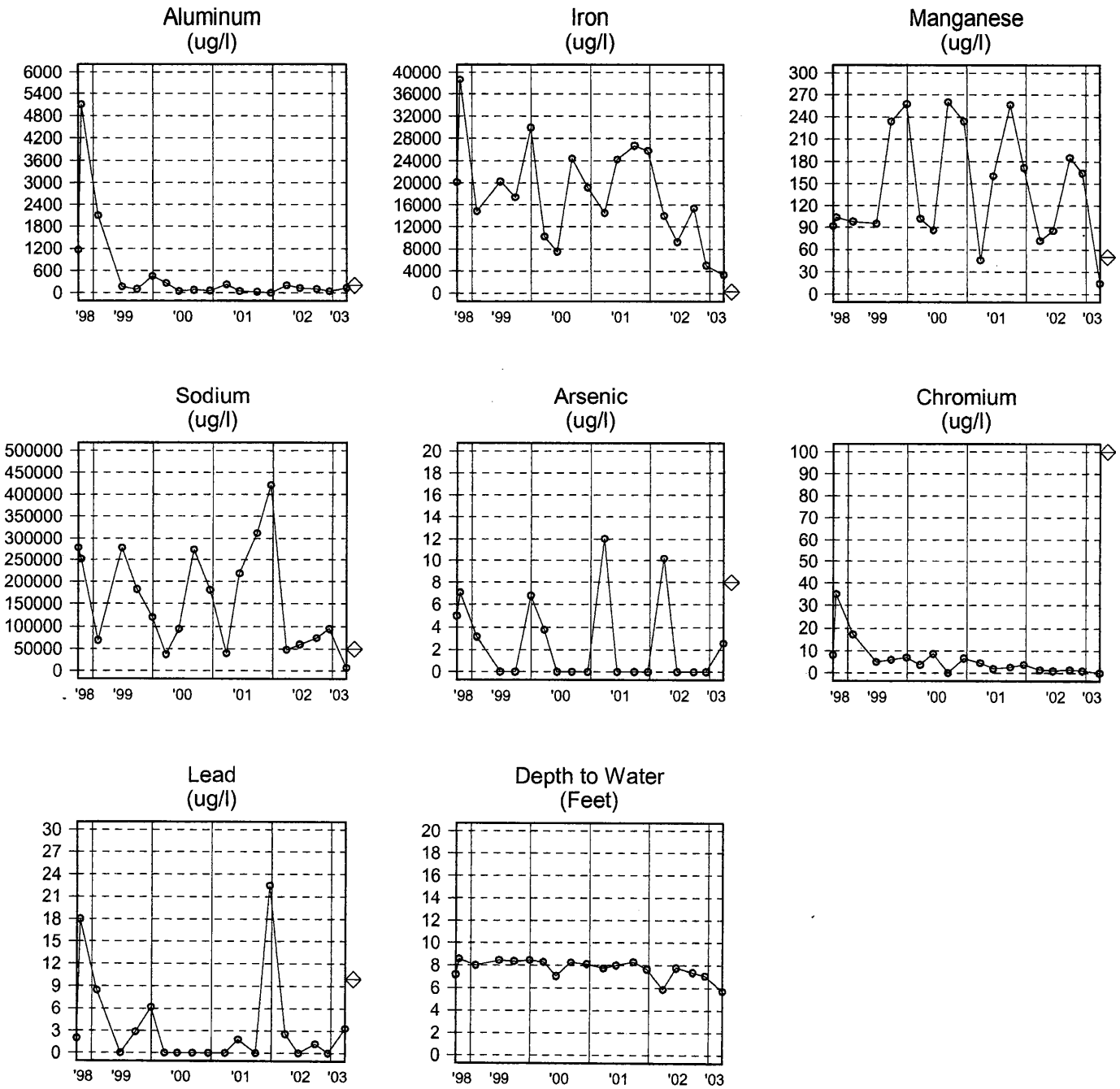
FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 9 of 14

Silver in blank > Criteria, sample date 6/97.

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



SOURCE: 00M8MW19

Sampling Dates:
09/30/1998 - 03/21/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 9 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

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

05-27-2003 X:\MtechData\M-8\M8.WSF

	Lab	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	200	300	50	50000	8	100	10	-		-
09/30/1998	FMETL	1560	10100	242	802000	5	18	ND	8.36		V,S,P,M
10/21/1998	FMETL	2470	8360	231	595000	2.91	19.2	4.67	8.10		V,S,P,M
01/27/1999	FMETL	3190	28400	189	575000	ND	44.1	11.4	7.30		V,S,P,M
06/22/1999	FMETL	4110	10600	196	587000	ND	32.7	9.90	7.76		V,S,P,M
09/23/1999	FMETL	590	10300	235	990000	ND	26.9	2.97	7.36		V,S,P,M
12/28/1999	FMETL	4520	22200	84.1	412000	2.85	65.0	19.5	7.74		V,S,P,M
03/15/2000	FMETL	418	5770	201	240000	ND	24.4	ND	7.45		V,S,P,M
06/05/2000	FMETL	66.8	2740	15.6	355000	ND	41.2	2.78	6.76		V,S,P,M
09/06/2000	FMETL	678	5280	96.1	668000	2.31	10.7	ND	7.37		V,S,P,M
12/13/2000	FMETL	426	5090	64.3	601000	ND	32.2	ND	8.37		V,S,P,M
03/20/2001	FMETL	260	6280	84.7	436000	11.0	27.1	ND	7.36		V,S,P,M
06/08/2001	FMETL	598	7760	42.4	515000	4.32	33.2	4.74	7.22		V,S,P,M
09/24/2001	FMETL	1570	14400	64.6	707000	ND	55.8	3.35	7.64		V,S,P,M
12/17/2001	FMETL	315	6800	13.2	417000	ND	41.7	1.85	7.12		V,S,P,M
03/21/2002	FMETL	546	4130	21.8	476000	4.50	29.5	ND	6.27		V,S,P,M
06/11/2002	FMETL	158	2870	12.5	379000	ND	30.4	ND	7.03		V,S,P,M
09/23/2002	FMETL	721	8500	56.6	665000	ND	43.8	ND	7.06		V,S,P,M
12/10/2002	FMETL	120	2420	23.1	378000	ND	18.8	ND	6.76		V,S,P,M
03/21/2003	FMETL	135	4590	42.9	352000	ND	12.6	ND	6.60		V,S,P,M

SOURCE: 00M8MW20

Sampling Dates:
09/30/1998 - 03/21/2003

NOTES:

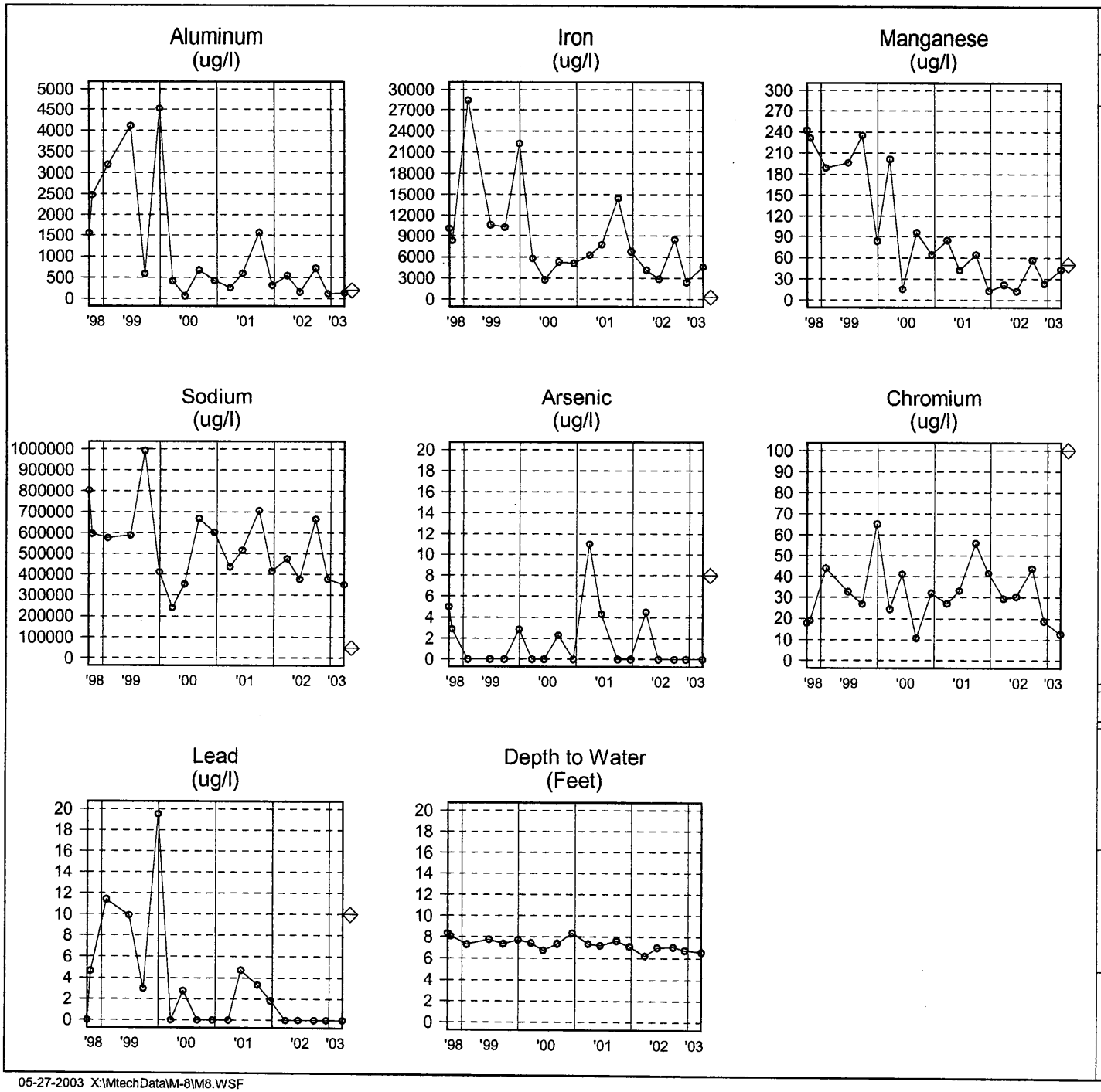
FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 10 of 14

Silver in blank > Criteria, sample date 6/97.

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



SOURCE: 00M8MW20

Sampling Dates:
09/30/1998 - 03/21/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 10 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

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

05-27-2003 X:\MtechData\M-8\M8.WSF

	Lab	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	200	300	50	50000	8	100	10	-		-
09/30/1998	FMETL	3040	50800	947	5660000	9.00	13.6	ND	6.78		V,S,P,M
10/21/1998	FMETL	1530	31700	671	4840000	7	14.1	ND	6.87		V,S,P,M
01/27/1999	FMETL	2280	23000	183	1210000	2.27	28.5	5.14	6.19		V,S,P,M
06/22/1999	FMETL	3270	38900	289	2730000	6.17	12.1	ND	6.51		V,S,P,M
09/23/1999	FMETL	1820	23100	385	2750000	3.86	17.1	4.45	6.25		V,S,P,M
12/28/1999	FMETL	2310	8020	98.2	601000	ND	25.5	11.5	6.46		V,S,P,M
03/15/2000	FMETL	2390	12400	59.2	334000	4.49	27.5	3.27	6.36		V,S,P,M
06/05/2000	FMETL	225	3680	83.1	683000	ND	26.6	ND	5.68		V,S,P,M
09/06/2000	FMETL	910	23400	128	1450000	4.03	8.12	8.66	6.30		V,S,P,M
12/13/2000	FMETL	418	17800	138	1340000	ND	19.0	ND	6.67		V,S,P,M
03/20/2001	FMETL	3240	15000	52.4	665000	11.0	27.5	ND	6.19		V,S,P,M
06/08/2001	FMETL	607	14000	184	700000	ND	6.54	4.57	6.37		V,S,P,M
09/24/2001	FMETL	1180	41000	256	2000000	ND	12.0	5.87	6.48		V,S,P,M
12/17/2001	FMETL	703	66800	308	3220000	4.19	7.51	6.92	5.23		V,S,P,M
03/21/2002	FMETL	1190	3240	11.0	161000	ND	5.08	4.01	6.13		V,S,P,M
06/11/2002	FMETL	731	5290	72.0	570000	ND	5.58	1.22	6.04		V,S,P,M
09/23/2002	FMETL	547	25800	132	1730000	ND	7.86	3.06	5.53		V,S,P,M
12/10/2002	FMETL	278	4470	70.2	785000	ND	3.09	ND	5.31		V,S,P,M
03/21/2003	FMETL	869	2600	11.8	314000	ND	2.41	1.50	5.98		V,S,P,M

SOURCE: 00M8MW21

Sampling Dates:
09/30/1998 - 03/21/2003

NOTES:

Well installed 9/98.

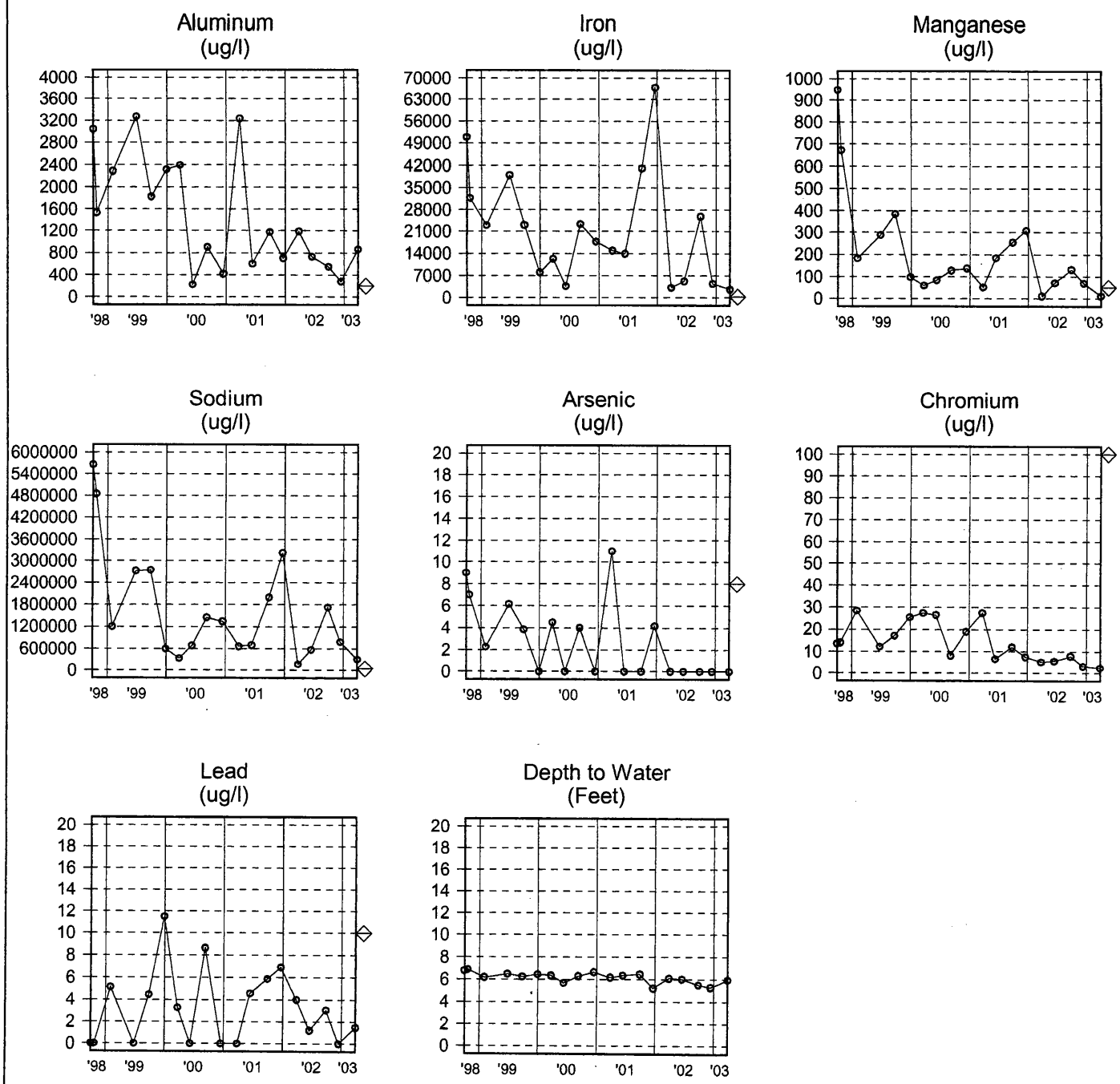
FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 11 of 14

Silver in blank > Criteria, sample date 6/97.

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



SOURCE: 00M8MW21

Sampling Dates:
09/30/1998 - 03/21/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 11 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

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

05-27-2003 X:\MtechData\M-8\M8.WSF

	Lab	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	200	300	50	50000	8	100	10	-		-
09/30/1998	FMETL	2800	87800	1870	4820000	13	25.5	ND	8.11		V,S,P,M
10/21/1998	FMETL	3230	59800	1290	3790000	7.05	28.4	6.8	7.61		V,S,P,M
01/27/1999	FMETL	2370	18900	301	882000	ND	14.8	7.85	6.41		V,S,P,M
06/22/1999	FMETL	2860	20800	726	2740000	ND	8.42	15.5	6.95		V,S,P,M
09/23/1999	FMETL	3860	18400	601	3300000	ND	11.7	70.7	6.29		V,S,P,M
12/28/1999	FMETL	130	128	230	1140000	ND	11.1	4.34	6.37		V,S,P,M
03/15/2000	FMETL	870	4440	366	575000	ND	19.7	12.7	6.50		V,S,P,M
06/05/2000	FMETL	789	324	394	631000	ND	22.7	2.34	6.61		V,S,P,M
09/06/2000	FMETL	1170	2920	302	1030000	ND	ND	10.2	6.47		V,S,P,M
12/13/2000	FMETL	1200	3000	455	1240000	ND	17.5	8.69	6.79		V,S,P,M
03/20/2001	FMETL	1080	3930	272	470000	12.0	10.1	11.0	6.63		V,S,P,M
06/08/2001	FMETL	383	1540	214	452000	3.79	5.45	2.67	6.34		V,S,P,M
09/24/2001	FMETL	4380	15700	1110	2030000	ND	22.7	51.2	6.79		V,S,P,M
09/24/2001D	FMETL	4680	15500	1130	2020000	2.22	23.6	55.4	6.79		V,S,P,M
12/17/2001	FMETL	2490	13000	1440	2360000	ND	6.82	24.9	5.72		V,S,P,M
03/21/2002	FMETL	1450	3760	1340	300000	2.42	2.18	6.62	6.35		V,S,P,M
06/11/2002	FMETL	842	1720	785	439000	ND	2.16	2.23	6.34		V,S,P,M
09/23/2002	FMETL	2580	9870	628	1790000	ND	6.65	11.3	8.04		V,S,P,M
12/10/2002	FMETL	37.8	70200	597	2060000	ND	1.59	1.67	7.77		V,S,P,M
03/21/2003	FMETL	147	2420	420	490000	ND	ND	1.63	6.31		V,S,P,M

SOURCE: 00M8MW22

Sampling Dates:
09/30/1998 - 03/21/2003

NOTES:

Well installed 9/98.

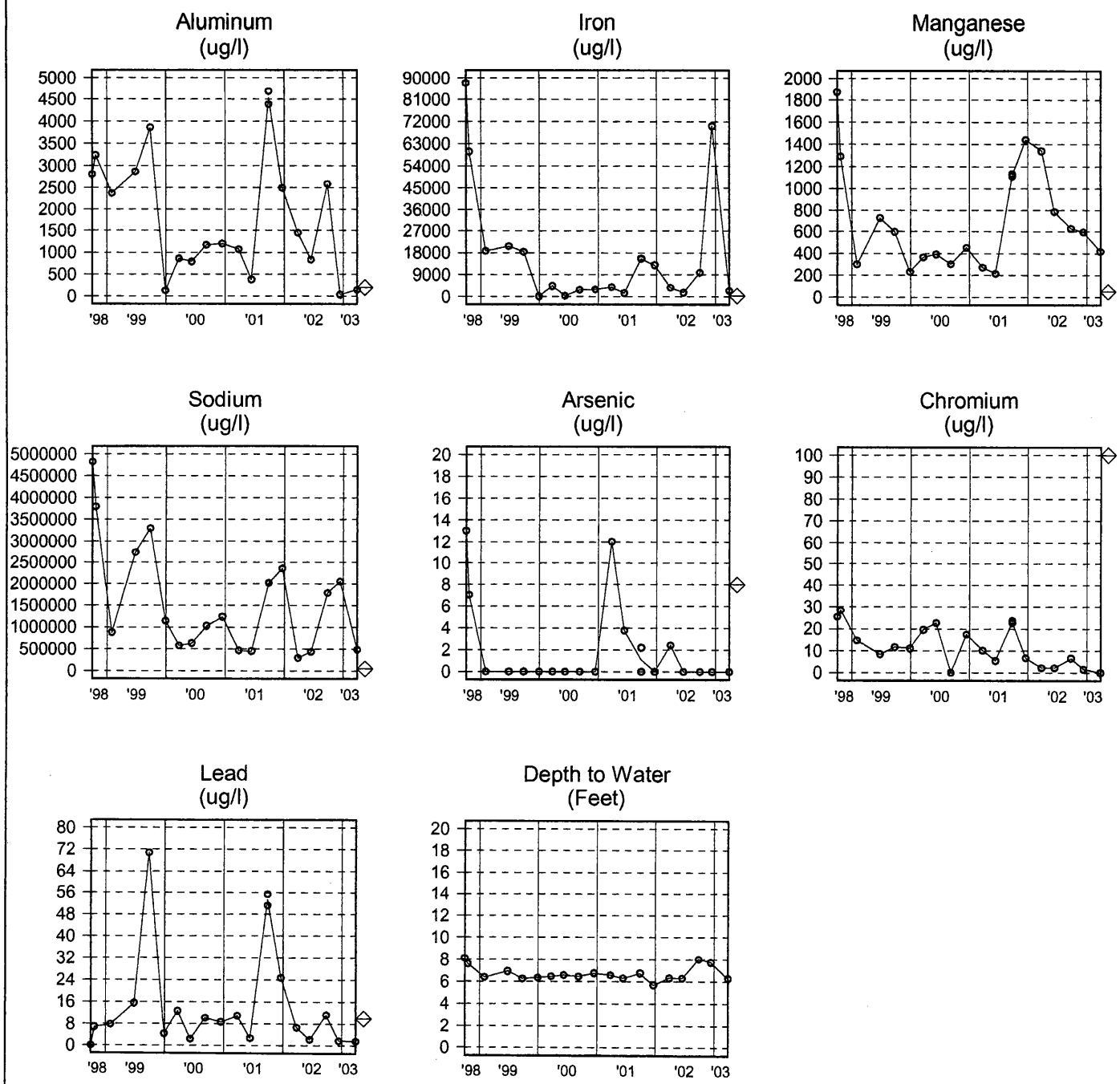
FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 12 of 14

Silver in blank > Criteria, sample date 6/97.

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



SOURCE: 00M8MW22

Sampling Dates:
09/30/1998 - 03/21/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 12 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

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

05-27-2003 X:\MtechData\M-8\M8.WSF

	Lab	Tetra chloro ethene	cis-1,2-Di chloro ethene	Aluminum	Iron	Manganese	Sodium	Arsenic	Lead	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	1	10	200	300	50	50000	8	10	-	-
04/14/1999	FMETL	6.56	ND	8440	27700	1720	19200	26.4	464	8.65	V,S,P,M
04/28/1999	FMETL	ND	2.74	150	1940	787	28200	15.8	8.1	8.88	V,S,P,M
09/23/1999	FMETL	1.62	6.44	27.6	5290	1280	46900	3.47	5.92	8.85	V,S,P,M
12/28/1999	FMETL	7.38	ND	71.6	910	986	28900	ND	3.82	8.75	V,S,P,M
03/15/2000	FMETL	ND	5.47	63.0	2580	748	30600	2.61	ND	8.58	V,S,P,M
06/05/2000	FMETL	4.50	ND	15.1	203	1800	23000	ND	3.06	8.81	V,S,P,M
09/06/2000	FMETL	ND	6.81	110	3880	1020	46100	ND	2.79	8.71	V,S,P,M
12/13/2000	FMETL	ND	10.99	ND	5180	739	36600	ND	3.94	9.01	V,S,P,M
03/20/2001	FMETL	ND	3.92	ND	2650	585	20600	12.0	7.00	8.37	V,S,P,M
03/20/2001D	FMETL	ND	3.85	40.0	2930	671	23600	6.00	3.00	8.37	V,S,P,M
06/08/2001	FMETL	ND	8.29	46.6	6260	2280	23300	3.41	12.2	8.85	V,S,P,M
09/24/2001	FMETL	ND	16.42	139	6650	1600	46300	3.87	13.5	9.15	V,S,P,M
12/17/2001	FMETL	ND	18.47	292	8300	1400	80200	6.74	33.5	5.23	V,S,P,M
03/21/2002	FMETL	ND	6.85	394	4900	640	41100	4.93	9.98	8.83	V,S,P,M
06/11/2002	FMETL	ND	15.89	490	12300	2080	27300	ND	21.9	8.83	V,S,P,M
09/23/2002	FMETL	ND	5.86	62.4	7410	548	25800	2.43	4.00	8.85	V,S,P,M
12/10/2002	FMETL	ND	5.78	45.8	17100	2190	27700	ND	ND	7.61	V,S,P,M
03/21/2003	FMETL	ND	ND	524	3190	70.2	6130	3.17	32.4	8.11	V,S,P,M

SOURCE: 00M8MW23

Sampling Dates:
04/14/1999 - 03/21/2003

NOTES:

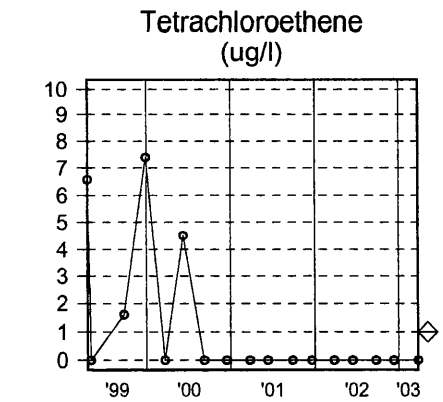
FORT MONMOUTH

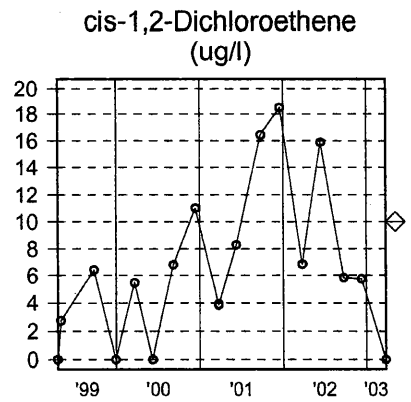
GW MONITORING
M-8 Bldg 697

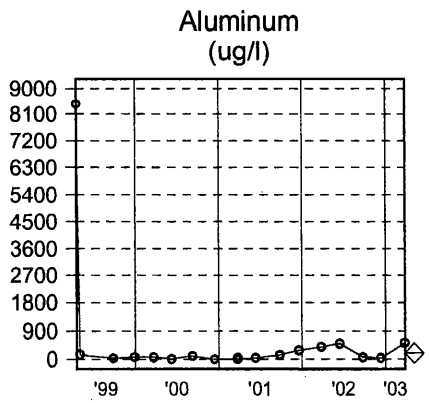
Source 13 of 14

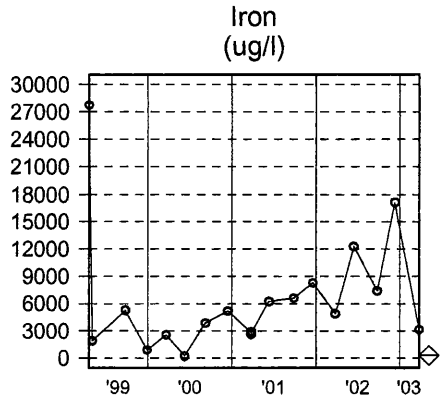
Silver in blank > Criteria, sample date 6/97.

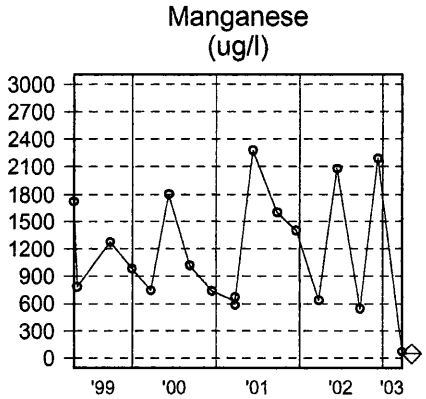
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

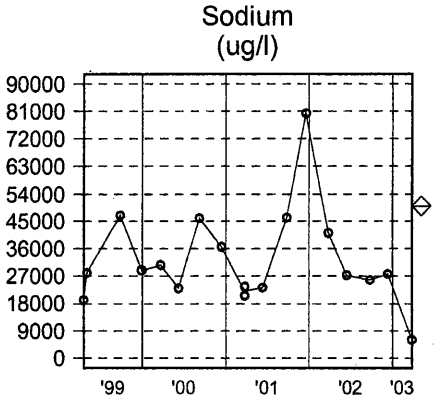


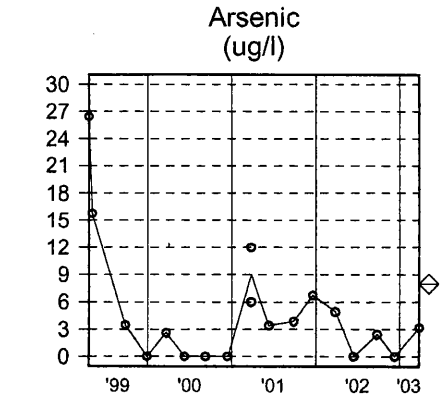


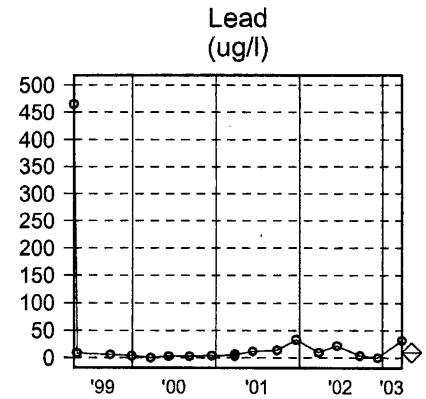


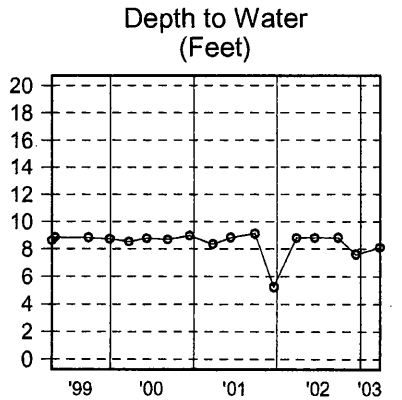












SOURCE: 00M8MW23

Sampling Dates:
04/14/1999 - 03/21/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 13 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

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

05-27-2003 X:\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Benzene	Aluminum	Iron	Manganese	Sodium	Lead	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	4	1	200	300	50	50000	10	-		-
04/14/1999	FMETL	ND	ND	531	13100	885	15400	50.5	17.96		V,S,P,M
04/28/1999	FMETL	ND	ND	5960	13500	1260	29600	385	18.64		V,S,P,M
09/23/1999	FMETL	1.01	ND	327	36600	1500	59600	27.1	18.22		V,S,P,M
03/15/2000	FMETL	1.99	1.67	124	7840	110	21400	ND	19.20		V,S,P,M
03/15/2000D	FMETL	1.68	1.39	127	7880	105	20500	ND	19.20		V,S,P,M
06/05/2000	FMETL	2.74	1.35	ND	7150	103	24000	5.61	19.46		V,S,P,M
09/06/2000	FMETL	2.91	1.49	56.9	7450	78.6	26800	ND	19.00		V,S,P,M
12/26/2000	FMETL	1.37	ND	23.2	3130	42.6	10100	ND	20.35		V,S,P,M
03/31/2001	FMETL	39.77	3.97	ND	30600	461	92800	25.0	18.22		V,S,P,M
03/31/2001D	FMETL	38.86	3.82	ND	30100	468	ND	19.0	18.22		V,S,P,M
06/23/2001	FMETL	1.70	ND	ND	11300	87.6	32000	ND	18.92		V,S,P,M
06/23/2001D	FMETL	1.64	ND	ND	10500	83.4	29600	ND	18.92		V,S,P,M
09/24/2001	FMETL	2.80	1.28	ND	22200	179	57500	4.76	9.76		V,S,P,M
12/10/2001	FMETL	1.94	1.40	ND	12700	93.1	34500	2.37	19.71		V,S,P,M
03/27/2002	FMETL	ND	ND	ND	6080	55.9	21500	ND	17.61		V,S,P,M
06/22/2002	FMETL	1.78	1.33	ND	8000	66.0	24400	ND	17.91		V,S,P,M
09/26/2002	FMETL	2.51	ND	ND	13900	90.5	45500	ND	19.50		V,S,P,M
12/13/2002	FMETL	1.42	ND	18.9	7989	56.1	23300	ND	19.09		V,S,P,M
03/20/2003	FMETL	5.00	ND	44.6	10400	88.8	42100	ND	19.06		V,S,P,M

SOURCE: 00M8MW24

Sampling Dates:
04/14/1999 - 03/20/2003

NOTES:

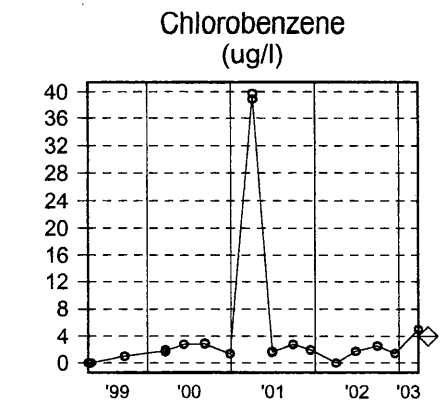
FORT MONMOUTH

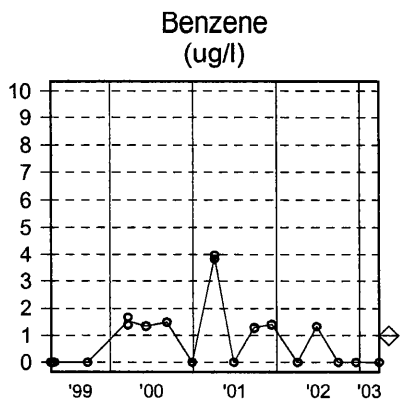
GW MONITORING
M-8 Bldg 697

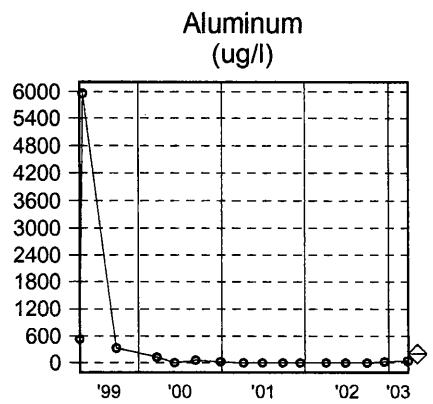
Source 14 of 14

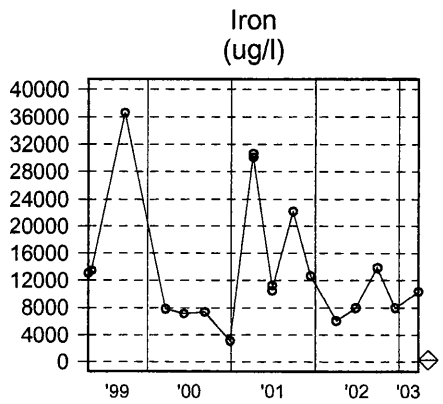
Silver in blank > Criteria, sample date 6/97.

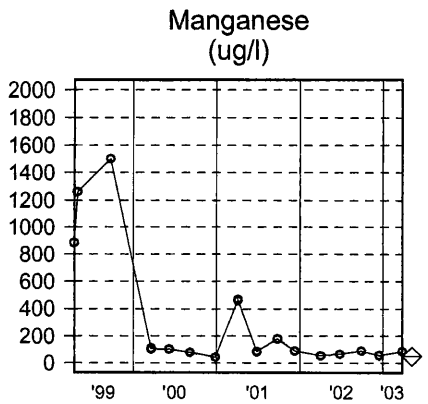
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

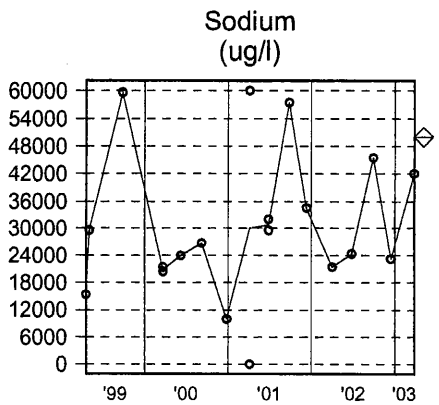


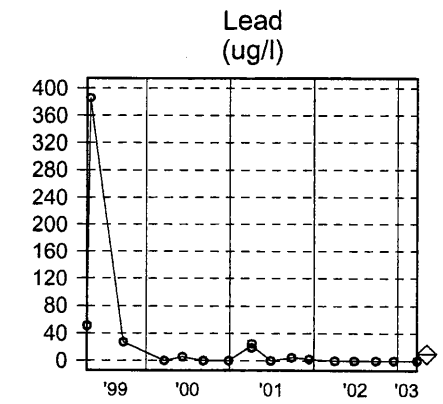


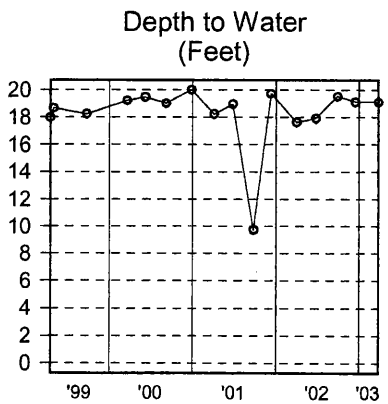












SOURCE: 00M8MW24

Sampling Dates:
04/14/1999 - 03/20/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 14 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

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

06-04-2003 X:\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	4,4'DDD	4,4'DDT	alpha-Chlordane	gamma-Chlordane	4,4'-DDE	Aluminum	Iron	Manganese	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	4	0.10	0.1	0.50	0.50	0.10	200	300	50	-
08/27/1997	FMETL	ND	2.08	0.023	0.96	0.79	ND	340	10520	59	V,S,P,M
10/29/1997	FMETL	ND	0.85	0.12	0.41	0.317	ND	99	2331	24	V,S,P,M
02/26/1998	FMETL	ND	0.85	0.03	0.339	0.253	ND	418	1617	23.1	V,S,P,M
06/04/1998	FMETL	ND	0.888	0.314	0.711	0.808	0.105	63	1666	16.5	V,S,P,M
08/28/1998	FMETL	ND	0.930	0.202	0.558	0.617	0.023	218	2360	11	V,S,P,M
11/04/1998	FMETL	ND	0.176	0.065	0.184	0.218	0.033	52	825	11.8	V,S,P,M
01/27/1999	FMETL	1.17	0.200	0.066	0.150	0.147	0.011	ND	310	20.8	V,S,P,M
06/22/1999	FMETL	ND	0.499	0.166	0.309	0.294	0.026	ND	278	9.50	V,S,P,M
09/23/1999	FMETL	1.04	0.660	0.303	0.501	0.410	ND	ND	903	14.0	V,S,P,M
12/28/1999	FMETL	1.97	0.312	0.061	0.183	0.139	ND	ND	894	3690	V,S,P,M
03/15/2000	FMETL	ND	0.229	0.051	0.15	0.121	ND	33.3	589	25.2	V,S,P,M
06/05/2000	FMETL	ND	ND	0.201	0.487	0.370	ND	ND	1050	19.2	V,S,P,M
09/06/2000	FMETL	ND	0.931	0.250	0.636	0.475	ND	35.8	1640	22.0	V,S,P,M
12/13/2000	FMETL	ND	0.468	0.096	0.236	0.207	0.023	ND	970	20.9	V,S,P,M
03/20/2001	FMETL	ND	0.339	0.113	0.232	0.202	0.025	140	1690	20.4	V,S,P,M
06/08/2001	FMETL	1.06	0.19	0.064	0.139	0.111	ND	17.6	102	23.3	V,S,P,M
09/24/2001	FMETL	3.23	0.260	0.070	0.193	0.176	0.024	191	2030	57.3	V,S,P,M
12/17/2001	FMETL	1.15	0.207	0.041	0.105	0.095	0.022	609	7360	43.1	V,S,P,M
03/21/2002	FMETL	ND	0.282	0.042	0.118	0.102	0.025	49.0	1410	22.0	V,S,P,M
06/11/2002	FMETL	1.07	0.126	0.022	0.058	0.050	0.011	79.1	5310	20.9	V,S,P,M
09/23/2002	FMETL	ND	0.096	0.022	0.075	0.045	0.005	103	2150	15.3	V,S,P,M
12/13/2002	FMETL	ND	ND	ND	ND	ND	ND	36.8	1060	45.9	V,S,P,M
03/21/2003	FMETL	ND	0.300	0.12	0.19	0.17	0.036	292	8220	23.9	V,S,P,M

SOURCE: 0697MW01

Sampling Dates:
08/27/1997 - 03/21/2003

NOTES:

Page 1 of 2

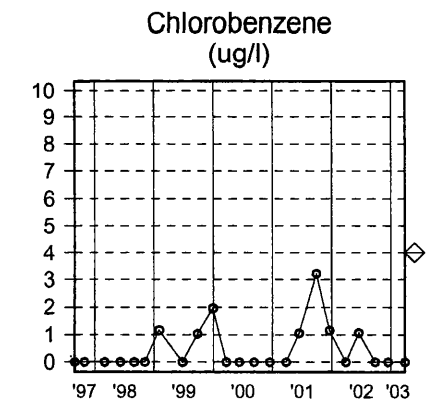
FORT MONMOUTH

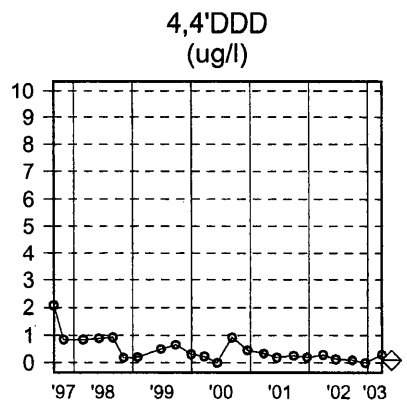
GW MONITORING
M-8 Bldg 697

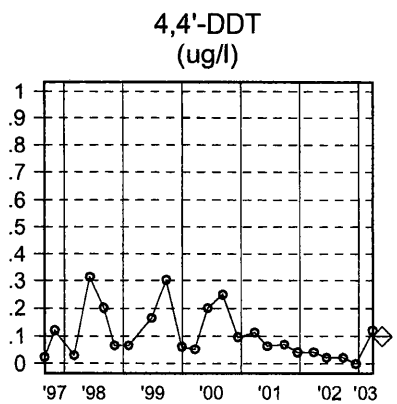
Source 5 of 14

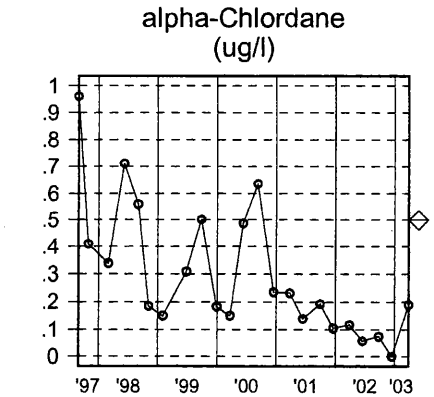
Silver in blank > Criteria, sample date 6/97.

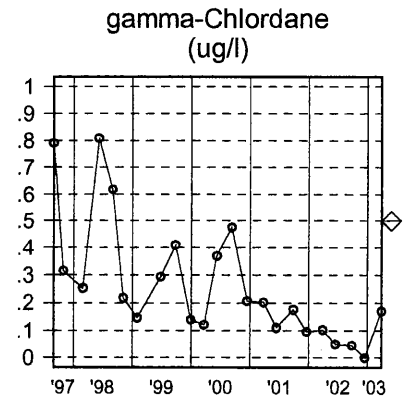
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

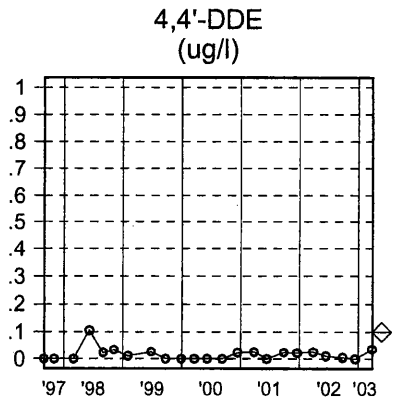


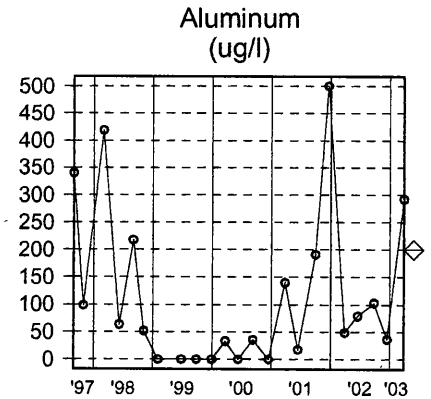


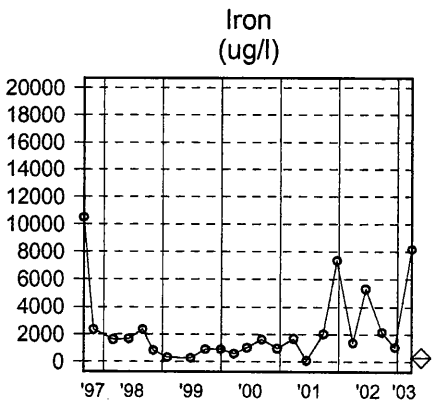


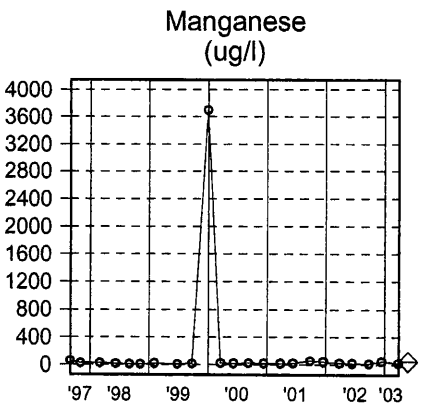












SOURCE: 0697MW01

Sampling Dates:
08/27/1997 - 03/21/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 5 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

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

05-27-2003 X:\MtechData\M-8\M8.WSF

	Lab	Sodium	Arsenic	Chromium	Lead	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	50000	8	100	10	-					-
08/27/1997	FMETL	22850	-	-	-	13.15					V,S,P,M
10/29/1997	FMETL	20150	-	-	-	13.35					V,S,P,M
02/26/1998	FMETL	18570	-	-	-	11.26					V,S,P,M
06/04/1998	FMETL	15120	-	-	-	12.12					V,S,P,M
08/28/1998	FMETL	15200	-	-	-	13.54					V,S,P,M
11/04/1998	FMETL	19300	-	-	-	14.09					V,S,P,M
01/27/1999	FMETL	17400	ND	1.34	ND	12.27					V,S,P,M
06/22/1999	FMETL	15900	ND	ND	ND	13.23					V,S,P,M
09/23/1999	FMETL	16400	ND	1.94	6.18	12.88					V,S,P,M
12/28/1999	FMETL	17700	ND	1.06	ND	12.55					V,S,P,M
03/15/2000	FMETL	13500	ND	ND	ND	12.27					V,S,P,M
06/05/2000	FMETL	18500	ND	2.31	5.34	12.72					V,S,P,M
09/06/2000	FMETL	23300	ND	ND	ND	12.49					V,S,P,M
12/13/2000	FMETL	26800	ND	ND	ND	13.00					V,S,P,M
03/20/2001	FMETL	24200	7.00	2.20	1.00	12.13					V,S,P,M
06/08/2001	FMETL	19600	ND	ND	ND	8.62					V,S,P,M
09/24/2001	FMETL	49100	ND	3.17	ND	13.47					V,S,P,M
12/17/2001	FMETL	35800	4.19	9.50	9.98	14.10					V,S,P,M
03/21/2002	FMETL	26200	5.27	0.720	ND	13.11					V,S,P,M
06/11/2002	FMETL	27200	ND	0.743	ND	12.83					V,S,P,M
09/23/2002	FMETL	15900	ND	1.57	ND	13.80					V,S,P,M
12/13/2002	FMETL	40600	ND	ND	ND	11.17					V,S,P,M
03/21/2003	FMETL	30100	ND	3.40	1.49	11.80					V,S,P,M

SOURCE: 0697MW01

Sampling Dates:
08/27/1997 - 03/21/2003

NOTES:

Page 2 of 2

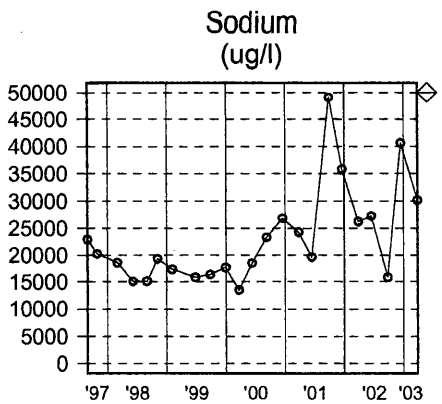
FORT MONMOUTH

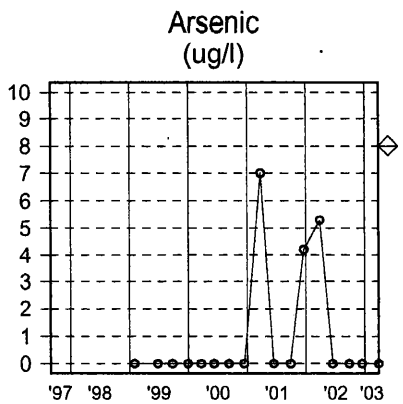
GW MONITORING
M-8 Bldg 697

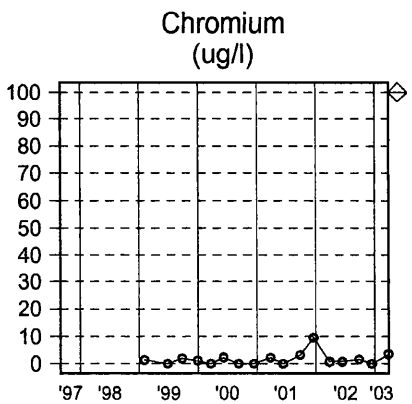
Source 5 of 14

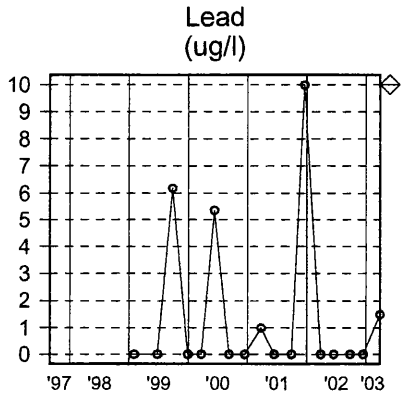
Silver in blank > Criteria, sample date 6/97.

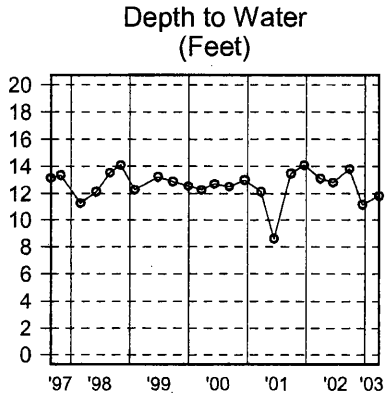
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 0697MW01

Sampling Dates:
08/27/1997 - 03/21/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 5 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

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

05-27-2003 X:\MtechData\M-8\M8.WSF

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

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

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

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: M-8, Bldg. 697

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
3025404	00M8MW12	29-32560	05/30/03
3025405	00M8MW13	29-32561	05/30/03
3025406	00M8MW14	29-32562	05/30/03
3025407	00M8MW15	29-32563	05/30/03
3025408	00M8MW16	29-39146	05/30/03
3025409	00M8MW17	29-39147	05/30/03
3025410	00M8MW18	29-39148	05/30/03
3025411	00M8MW19	29-39149	05/30/03
3025412	00M8MW20	29-39150	05/30/03
3025413	00M8MW21	29-39151	05/30/03
3025414	00M8MW22	29-39152	05/30/03
3025416	0697MW01	29-31778	05/30/03
3025415	00M8MW23	29-40128	05/30/03
3032103	00M8MW24	29-41724	06/25/03

NJDEP Laboratory Certification # 13461

9-3-03

Daniel Wright/Date:
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608

Fort Monmouth Environmental Testing Laboratory

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

NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: 126223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: M8 wells
2nd Qtr '03

Samplers Name / Company: Corey McCormack, TVS

Comments: HCL/HNO3 /<4°C

LIMS/Work Order #		Sample Location	Date	Time	Sample Type	# bottles	VO +15	TAL Mtls	Pest/PCB	BNA +25				Hnu Read	Remarks / Preservation Method
30254	01	Trip	5/30/03	0700	AQ	2	✓							—	
	02	Field Blank		0750		5	✓	✓	✓	✓				—	
	03	Dupe		—		5	✓	✓	✓	✓				—	
	04	M8MW12		1415		9	✓	✓	✓	✓				0.0	29-32560
	05	M8MW13 *		0930		5	✓	✓	✓	✓				0.0	29-32561
	06	M8MW14		0923		5	✓	✓	✓	✓				0.0	29-32562
	07	M8MW15		1336		5	✓	✓	✓	✓				0.0	29-32563
	08	M8MW16		1312		5	✓	✓	✓	✓				0.0	29-39146
	09	M8MW17		1308		5	✓	✓	✓	✓				0.0	29-39147
	10	M8MW18		0858		5	✓	✓	✓	✓				0.0	29-39148
	11	M8MW19		0848		5	✓	✓	✓	✓				0.0	29-39149
	12	M8MW20		0818		5	✓	✓	✓	✓				0.0	29-39150
	13	M8MW21		0809		5	✓	✓	✓	✓				0.0	29-39151
	14	M8MW22		0801		5	✓	✓	✓	✓				0.0	29-39152

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	5/30/03 1580	J. Verguera			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks: Tide: L →H

print legibly

COC.XLS4/22/2003

Fort Monmouth Environmental Testing Laboratory

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

Chain of Custody Record

Customer: J FAHION
Phone #: X26223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: M8 wells
2nd Qtr '03

Samplers Name / Company: Corey McCormack, TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VO +15	TAL Mtls	Pest/PCB	BNA +25				Hav Lead	Remarks / Preservation Method
3022T4 15	M8MW23	5/30/03	0950	AQ	5	✓	✓	✓	✓				5.3	29-40128
16	M8 697MW01		1059			✓	✓	✓	✓				0.0	29-31776

Comments: HCL/HNO3/4°C

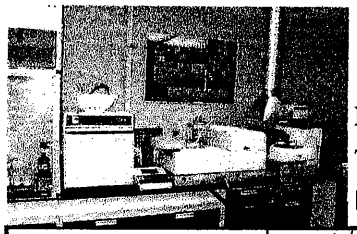
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	5/30/03				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:
Tide: L -> H

print legibly

COC.XLS4/22/2003



Fort Monmouth Environmental Testing Laboratory

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

NJDEP Certification #13461

Chain of Custody Record

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

Project No:
Location: M8 wells
2nd Qtr '03 LoFlo

Samplers Name / Company: Corey McCormack, TVS

Comments: HCL/HNO3/4°C

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOTIS	TAL mtls	Pest/PCB	BNA +25				HNO Read	Remarks / Preservation Method
30321 01	Trip	6/25/03	0720	AQ	2	✓							–	
02	Field Blank		1000		5	✓	✓	✓	✓				–	
03	M8 MW24		1050		5	✓	✓	✓	✓				0.0	29-41'24
														DTW 18.74'

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	6/25/03 1545	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks: Shows T/FB w/ 699 Part I on Same date. com
Tide: N/A

print legibly

Page 1 of 1

COC.XLS6/3/2003

LTM Depth to Water

Location: M8
Date: 05/30/03

Well	NJDEP Well ID	Depth of Well Feet	Well Diameter Inch	Depth to Water Feet
M8MW12	29-32560	17.25	4	8.52
M8MW13	29-32561	18.82	4	6.55
M8MW14	29-32562	16.69	4	6.45
M8MW15	29-32563	16.51	4	4.74
M8MW16	29-39146	15.5	4	7.75
M8MW17	29-39147	15.4	4	5.95
M8MW18	29-39148	16.55	4	6
M8MW19	29-39149	17.5	4	6.81
M8MW20	29-39150	17.35	4	6.81
M8MW21	29-39151	15.75	4	6.21
M8MW22	29-39152	18	4	6.25
M8MW23	29-40128	16.72	4	8.22
M8MW24	29-41724	46.32	4	15.23
0697MW01	29-31776	19.8	4	12.05

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW12
NJDEP ID #: 29-32560
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 05/30/03
WEATHER: Sunny and warm.
TIDE: Low-Incoming.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 8.52 ft
DEPTH OF WELL: 17.25 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.73 ft
(8.73) X .65 X 3 =17.02
GALLONS OF H_2O TO BE PURGED: 17 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 13:00
pH 6.30 su
TEMP 12.17 °C
DISSOLVED O_2 4.17 mg/L
SPECIFIC CONDUCTIVITY 531.7 ms/cm

PURGE END TIME: 14:14
pH 6.20 su
TEMP 12.03 °C
DISSOLVED O_2 2.32 mg/L
SPECIFIC CONDUCTIVITY 510.4 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.74 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 17 gal

SAMPLE START TIME: 14:15
pH 6.21 su
TEMP 12.04 °C
DISSOLVED O_2 2.33 mg/L
SPECIFIC CONDUCTIVITY 509.6 ms/cm

SAMPLE END TIME: 14:20

COMMENTS: MS/MSD here. Cloudy.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW13
NJDEP ID #: 29-32561
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 05/30/03
WEATHER: Sunny and warm.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 6.55 ft
DEPTH OF WELL: 18.82 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 12.27 ft
(12.27) X .65 X 3 =23.93
GALLONS OF H_2O TO BE PURGED: 24 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 07:45
pH 7.18 su
DISSOLVED O_2 4.80 mg/L
TEMP 12.79 °C
SPECIFIC CONDUCTIVITY 111.7 ms/cm

PURGE END TIME: 09:29
pH 7.12 su
DISSOLVED O_2 2.76 mg/L
TEMP 12.30 °C
SPECIFIC CONDUCTIVITY 120.8 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.25 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 24 gal

SAMPLE START TIME: 09:30
pH 7.13 su
DISSOLVED O_2 2.77 mg/L
TEMP 12.28 °C
SPECIFIC CONDUCTIVITY 120.9 ms/cm

SAMPLE END TIME: 09:35

COMMENTS: DUP. Here. Cloudy.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW14
NJDEP ID #: 29-32562
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 05/30/03
WEATHER: Sunny and warm.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 6.45 ft
DEPTH OF WELL: 16.69 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.24 ft
(10.24) X .65 X 3 =19.96
GALLONS OF H_2O TO BE PURGED: 20 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 07:55
pH 7.23 su — TEMP 12.53 °C
DISSOLVED O_2 4.30 mg/L — SPECIFIC CONDUCTIVITY 1508 ms/cm

PURGE END TIME: 09:22
pH 7.15 su — TEMP 12.20 °C
DISSOLVED O_2 2.22 mg/L — SPECIFIC CONDUCTIVITY 1620 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.87 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 20 gal

SAMPLE START TIME: 09:23
pH 7.14 su — TEMP 12.21 °C
DISSOLVED O_2 2.23 mg/L — SPECIFIC CONDUCTIVITY 1621 ms/cm

SAMPLE END TIME: 09:28

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW15
NJDEP ID #: 29-32563
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 05/30/03
WEATHER: Sunny and warm.
TIDE: Low-Incoming.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 4.74 ft
DEPTH OF WELL: 16.51 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.77 ft
(11.77) X .65 X 3 =22.95
GALLONS OF H_2O TO BE PURGED: 23 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 11:55
pH 7.10 su
DISSOLVED O_2 3.91 mg/L
TEMP 12.39 °C
SPECIFIC CONDUCTIVITY 161.0 ms/cm

PURGE END TIME: 13:35
pH 6.98 su
DISSOLVED O_2 2.11 mg/L
TEMP 12.11 °C
SPECIFIC CONDUCTIVITY 163.3 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 5.71 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 23 gal

SAMPLE START TIME: 13:36
pH 6.97 su
DISSOLVED O_2 2.10 mg/L
TEMP 12.11 °C
SPECIFIC CONDUCTIVITY 163.4 ms/cm

SAMPLE END TIME: 13:41

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW16
NJDEP ID #: 29-39146
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 05/30/03
WEATHER: Sunny and warm.
TIDE: Low-Incoming.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 7.75 ft
DEPTH OF WELL: 15.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.75 ft
(7.75) X .163 X 3 =3.78
GALLONS OF H_2O TO BE PURGED: 4 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 12:50
pH 6.83 su
TEMP 12.21 °C
DISSOLVED O_2 5.18 mg/L
SPECIFIC CONDUCTIVITY 1181 ms/cm

PURGE END TIME: 13:07
pH 6.90 su
TEMP 12.17 °C
DISSOLVED O_2 3.08 mg/L
SPECIFIC CONDUCTIVITY 1207 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.43 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 4 gal

SAMPLE START TIME: 13:12
pH 6.91 su
TEMP 12.18 °C
DISSOLVED O_2 3.09 mg/L
SPECIFIC CONDUCTIVITY 1208 ms/cm

SAMPLE END TIME: 13:18

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW17
NJDEP ID #: 29-39147
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 05/30/03
WEATHER: Sunny and warm.
TIDE: Low-Incoming.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 5.95 ft
DEPTH OF WELL: 15.40 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.45 ft
(9.45) X .163 X 3 =4.62
GALLONS OF H_2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 12:45
pH 7.50 su
DISSOLVED O_2 4.00 mg/L
TEMP 12.40 °C
SPECIFIC CONDUCTIVITY 1763 ms/cm

PURGE END TIME: 13:07
pH 7.11 su
DISSOLVED O_2 3.11 mg/L
TEMP 12.21 °C
SPECIFIC CONDUCTIVITY 1771 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.30 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 13:08
pH 7.11 su
DISSOLVED O_2 3.12 mg/L
TEMP 12.23 °C
SPECIFIC CONDUCTIVITY 1772 ms/cm

SAMPLE END TIME: 13:13

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW18
NJDEP ID #: 29-39148
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 05/30/03
WEATHER: Sunny and warm.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 6.00 ft
DEPTH OF WELL: 16.55 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.55 ft
(10.55) X .163 X 3 =5.15
GALLONS OF H_2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:30
pH 7.13 su
TEMP 12.70 °C
DISSOLVED O_2 5.23 mg/L
SPECIFIC CONDUCTIVITY 163.5 ms/cm

PURGE END TIME: 08:52
pH 7.15 su
TEMP 12.39 °C
DISSOLVED O_2 2.50 mg/L
SPECIFIC CONDUCTIVITY 169.7 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.08 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 08:58
pH 7.16 su
TEMP 12.40 °C
DISSOLVED O_2 2.51 mg/L
SPECIFIC CONDUCTIVITY 170.1 ms/cm

SAMPLE END TIME: 09:04

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW19
NJDEP ID #: 29-39149
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 05/30/03
WEATHER: Sunny and warm.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 6.81 ft
DEPTH OF WELL: 17.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.69 ft
(10.69) X .163 X 3 =5.22
GALLONS OF H_2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:25
pH 7.03 su — TEMP 12.57 °C
DISSOLVED O_2 5.31 mg/L — SPECIFIC CONDUCTIVITY 1002.2 ms/cm

PURGE END TIME: 08:47
pH 7.00 su — TEMP 12.30 °C
DISSOLVED O_2 2.91 mg/L — SPECIFIC CONDUCTIVITY 998.7 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.30 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 08:48
pH 7.01 su — TEMP 12.29 °C
DISSOLVED O_2 2.89 mg/L — SPECIFIC CONDUCTIVITY 997.6 ms/cm

SAMPLE END TIME: 08:53

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW20
NJDEP ID #: 29-39150
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 05/30/03
WEATHER: Sunny and warm.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 6.81 ft
DEPTH OF WELL: 17.35 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.54 ft
(10.54) X .163 X 3 =5.15
GALLONS OF H_2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 07:30
pH 7.20 su
TEMP 12.63 °C
DISSOLVED O_2 4.88 mg/L
SPECIFIC CONDUCTIVITY 174.9 ms/cm

PURGE END TIME: 08:12
pH 7.10 su
TEMP 12.40 °C
DISSOLVED O_2 2.14 mg/L
SPECIFIC CONDUCTIVITY 153.0 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.74 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 08:18
pH 7.08 su
TEMP 12.38 °C
DISSOLVED O_2 2.15 mg/L
SPECIFIC CONDUCTIVITY 152.7 ms/cm

SAMPLE END TIME: 08:24

COMMENTS: Clear but yellow.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW21
NJDEP ID #: 29-39151
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 05/30/03
WEATHER: Sunny and warm.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 6.21 ft
DEPTH OF WELL: 15.75 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.54 ft
(9.54) X .163 X 3 =4.66
GALLONS OF H_2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 07:40
pH 6.98 su
DISSOLVED O_2 4.76 mg/L
TEMP 12.76 °C
SPECIFIC CONDUCTIVITY 17.11 ms/cm

PURGE END TIME: 08:02
pH 6.95 su
DISSOLVED O_2 3.10 mg/L
TEMP 12.30 °C
SPECIFIC CONDUCTIVITY 10.81 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.07 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 08:09
pH 6.94 su
DISSOLVED O_2 3.10 mg/L
TEMP 12.30 °C
SPECIFIC CONDUCTIVITY 10.80 ms/cm

SAMPLE END TIME: 08:15

COMMENTS: Slightly cloudy.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW22
NJDEP ID #: 29-39152
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 05/30/03
WEATHER: Sunny and warm.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 6.25 ft
DEPTH OF WELL: 18.00 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.75 ft
(11.75) X .163 X 3 =5.74
GALLONS OF H_2O TO BE PURGED: 6 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 07:34
pH 7.19 su — TEMP 12.78 °C
DISSOLVED O_2 3.60 mg/L — SPECIFIC CONDUCTIVITY 53.79 ms/cm

PURGE END TIME: 08:00
pH 7.14 su — TEMP 12.21 °C
DISSOLVED O_2 2.17 mg/L — SPECIFIC CONDUCTIVITY 54.11 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.54 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 6 gal

SAMPLE START TIME: 08:01
pH 7.13 su — TEMP 12.20 °C
DISSOLVED O_2 2.18 mg/L — SPECIFIC CONDUCTIVITY 54.12 ms/cm

SAMPLE END TIME: 08:06

COMMENTS: Slight cloudy, cloudy at end of bail.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW23
NJDEP ID #: 29-40128
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 05/30/03
WEATHER: Sunny and warm.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 8.22 ft
DEPTH OF WELL: 16.72 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.50 ft
(8.50) X .65 X 3 =16.57
GALLONS OF H_2O TO BE PURGED: 17 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:35
pH 5.66 su
TEMP 12.41 °C
DISSOLVED O_2 1.87 mg/L
SPECIFIC CONDUCTIVITY 619.3 ms/cm

PURGE END TIME: 09:49
pH 5.53 su
TEMP 12.30 °C
DISSOLVED O_2 0.76 mg/L
SPECIFIC CONDUCTIVITY 591.7 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.83 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 17 gal

SAMPLE START TIME: 09:50
pH 5.52 su
TEMP 12.29 °C
DISSOLVED O_2 0.71 mg/L
SPECIFIC CONDUCTIVITY 592.3 ms/cm

SAMPLE END TIME: 09:55

COMMENTS: Strong odor.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW24
NJDEP ID # 29-41724
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 06/25/03
WEATHER: Overcast.
TIDE: N/A
WELL CONDITION: Good
LNAPLs: N
DNAPLs: N

Hnu Calibration: Span 5.21 w/ 100 ppm Isobutylene
Sonde Calibration:
pH: 7.00/10.00/4.00 Buffers
Sp. Cond/Cond: 134.0 µ ohms/cm solution (KCl)
DO: % Humidity 760mm (Barometric Pressure)
Temp. : N/A
Turb: YSI CAL SOL. 1.0, 10.0, 100.0 NTU's
DIH2O for 0.0 NTU

ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 18.74 ft
Before Purge Start: 18.74 ft Previous Day: N/A ft After Sampling: 18.90 ft
DEPTH OF WELL: 46.32 ft
DEPTH TO TOP OF SCREEN: N/A ft
DEPTH OF PUMP/TUBE INTAKE: 35.00 ft TUBING: Food Grade ¼" Polyethylene
HEIGHT OF WATER: 27.58 ft
(27.58) X .65 X 3 = 53.78 (.65 for 4")
GALLONS OF H2O TO BE PURGED: 53 Gal
PURGE METHOD: (FLOW at >100 TO <500 gpm): 2" REDIFLO 2 GRUNDPHOS SUBMERSIBLE PUMP
Purged at * mL/Min or Gal/Min. (ml to gal.:ml(0002642)=gal)
PURGE RATE: * gpm Start @ 350 ml/min @ 0940 to
Hnu READING: 0.0 ppm (Well) 200 ml/min @ 0945 to
Hnu READING: 0.0 ppm (Well Cap) 150 ml/min @ 0950 until end

PURGE START TIME: 0940
pH 6.47 su ORP N/A mv TEMP 12.91 °C Turb. 51.7 NTU
DISSOLVED O_2 3.70 mg/L Sp. CONDUCTIVITY 171.3 ms/cm

PURGE END TIME: 1050
pH 6.30 su ORP N/A mv TEMP 12.76 °C Turb. 5.30 NTU
DISSOLVED O_2 2.11 mg/L Sp. CONDUCTIVITY 27.3 ms/cm

DEPTH TO H2O AFTER PURGE AND SAMPLING: 18.90 ft
(SAMPLING METHOD: (Through pump and tubing. Flow cell disconnected)

SAMPLE START TIME: 1050
pH 6.30 su ORP N/A mv TEMP 12.69 °C Turb. 5.17 NTU
DISSOLVED O_2 2.09 mg/L Sp. CONDUCTIVITY 27.1 ms/cm

SAMPLE END TIME: 1055
ANALYTES : VOA+15, TAL Mtls, Pest/PCB, BNA+25
COMMENTS: Very cloudy start

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 0697MW01
NJDEP ID #: 29-31776
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 05/30/03
WEATHER: Sunny and warm.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 12.05 ft
DEPTH OF WELL: 19.80 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.75 ft
(7.75) X .65 X 3 =15.11
GALLONS OF H_2O TO BE PURGED: 15 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:48
pH 5.71 su — TEMP 12.51 °C
DISSOLVED O_2 3.54 mg/L — SPECIFIC CONDUCTIVITY 177.4 ms/cm

PURGE END TIME: 10:53
pH 5.58 su — TEMP 12.40 °C
DISSOLVED O_2 2.11 mg/L — SPECIFIC CONDUCTIVITY 179.4 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 13.91 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 15 gal

SAMPLE START TIME: 10:54
pH 5.60 su — TEMP 12.40 °C
DISSOLVED O_2 2.08 mg/L — SPECIFIC CONDUCTIVITY 180.0 ms/cm

SAMPLE END TIME: 10:59

COMMENTS:

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

MDL	**:**	**Method Detection Limit**
J	**:**	**Compound identified below detection limit**
B	**:**	**Compound found in blank**
D	**:**	**Results are from a dilution of the sample**
U	**:**	**Compound searched for but not detected**
E	**:**	**Compound exceeds calibration limit**
PQL	**:**	**Practical Quantitation Limit**
NLE	**:**	**No limit established**
RT	**:**	**Retention time**

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

Data File	**VC009574.D**	Sample Name	**MB 03Jun03**
Operator	**Skelton**	Field ID	**MB 03Jun03**
Date Aquired	**3-Jun-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 03Jun03**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20254 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 03Jun03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009574.D

Level: (low/med) LOW Date Received: 5/30/2003

% Moisture: not dec. _____ Date Analyzed: 6/3/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VC009764.D**	Sample Name	**MB 26Jun03**
Operator	**Skelton**	Field ID	**MB 26Jun03**
Date Aquired	**26-Jun-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 26Jun03**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30321 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 26Jun03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009764.D

Level: (low/med) LOW Date Received: 6/25/2003

% Moisture: not dec. _____ Date Analyzed: 6/26/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VC009590.D**	Sample Name	**3025401**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**3-Jun-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20254 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3025401

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009590.D

Level: (low/med) LOW Date Received: 5/30/2003

% Moisture: not dec. Date Analyzed: 6/3/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000581-42-0	Naphthalene, 2,6-dimethyl-	32.77	6	JN
2. 000090-12-0	Naphthalene, 1-methyl-	33.10	9	JN

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

Data File	**VC009774.D**	Sample Name	**3032101**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**26-Jun-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30321 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3032101

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009774.D

Level: (low/med) LOW Date Received: 6/25/2003

% Moisture: not dec. _____ Date Analyzed: 6/26/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VC009591.D**	Sample Name	**3025402**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**3-Jun-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20254 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3025402

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009591.D

Level: (low/med) LOW Date Received: 5/30/2003

% Moisture: not dec. _____ Date Analyzed: 6/3/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VC009775.D**	Sample Name	**3032102**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**26-Jun-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30321 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3032102

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009775.D

Level: (low/med) LOW Date Received: 6/25/2003

% Moisture: not dec. _____ Date Analyzed: 6/26/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VC009592.D**	Sample Name	**3025403**
Operator	**Skelton**	Field ID	**Dupe**
Date Aquired	**4-Jun-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20254 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3025403

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009592.D

Level: (low/med) LOW Date Received: 5/30/2003

% Moisture: not dec. _____ Date Analyzed: 6/4/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VC009593.D**	Sample Name	**3025404**
Operator	**Skelton**	Field ID	**M8MW12**
Date Aquired	**4-Jun-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	22.88	63035	3.10 ug/L	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW12**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20254 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3025404

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009593.D

Level: (low/med) LOW Date Received: 5/30/2003

% Moisture: not dec. Date Analyzed: 6/4/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VC009596.D**	Sample Name	**3025405**
Operator	**Skelton**	Field ID	**M8MW13**
Date Aquired	**4-Jun-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW13**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20254 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3025405

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009596.D

Level: (low/med) LOW Date Received: 5/30/2003

% Moisture: not dec. _____ Date Analyzed: 6/4/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VC009597.D**	Sample Name	**3025406**
Operator	**Skelton**	Field ID	**M8MW14**
Date Aquired	**4-Jun-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW14**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20254 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3025406

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009597.D

Level: (low/med) LOW Date Received: 5/30/2003

% Moisture: not dec. Date Analyzed: 6/4/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VC009598.D**	Sample Name	**3025407**
Operator	**Skelton**	Field ID	**M8MW15**
Date Aquired	**4-Jun-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

C:\HPCHEM\Custrpt\Volatile\624FY03.CRT

6/5/2003 9:55 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW15**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20254 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3025407

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009598.D

Level: (low/med) LOW Date Received: 5/30/2003

% Moisture: not dec. _____ Date Analyzed: 6/4/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VC009599.D**	Sample Name	**3025408**
Operator	**Skelton**	Field ID	**M8MW16**
Date Aquired	**4-Jun-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW16**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20254 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3025408

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009599.D

Level: (low/med) LOW Date Received: 5/30/2003

% Moisture: not dec. Date Analyzed: 6/4/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VC009600.D**	Sample Name	**3025409**
Operator	**Skelton**	Field ID	**M8MW17**
Date Aquired	**4-Jun-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW17**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20254 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3025409

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009600.D

Level: (low/med) LOW Date Received: 5/30/2003

% Moisture: not dec. _____ Date Analyzed: 6/4/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VC009601.D**	Sample Name	**3025410**
Operator	**Skelton**	Field ID	**M8MW18**
Date Aquired	**4-Jun-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene	25.00	389173	6.07 ug/L	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene	30.54	84702	2.09 ug/L	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

C:\HPCHEM\Custrpt\Volatile\624FY03.CRT

6/5/2003 9:55 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW18**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20254 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3025410

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009601.D

Level: (low/med) LOW Date Received: 5/30/2003

% Moisture: not dec. Date Analyzed: 6/4/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VC009602.D**	Sample Name	**3025411**
Operator	**Skelton**	Field ID	**M8MW19**
Date Aquired	**4-Jun-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW19**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20254 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3025411

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009602.D

Level: (low/med) LOW Date Received: 5/30/2003

% Moisture: not dec. Date Analyzed: 6/4/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VC009603.D**	Sample Name	**3025412**
Operator	**Skelton**	Field ID	**M8MW20**
Date Aquired	**4-Jun-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

C:\HPCHEM\Custrpt\Volatile\624FY03.CRT

6/5/2003 9:55 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW20**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20254 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3025412

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009603.D

Level: (low/med) LOW Date Received: 5/30/2003

% Moisture: not dec. _____ Date Analyzed: 6/4/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VC009604.D**	Sample Name	**3025413**
Operator	**Skelton**	Field ID	**M8MW21**
Date Aquired	**4-Jun-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW21**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20254 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3025413

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009604.D

Level: (low/med) LOW Date Received: 5/30/2003

% Moisture: not dec. _____ Date Analyzed: 6/4/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VC009605.D**	Sample Name	**3025414**
Operator	**Skelton**	Field ID	**M8MW22**
Date Aquired	**4-Jun-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW22**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20254 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3025414

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009605.D

Level: (low/med) LOW Date Received: 5/30/2003

% Moisture: not dec. _____ Date Analyzed: 6/4/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VC009606.D**	Sample Name	**3025415**
Operator	**Skelton**	Field ID	**M8MW23**
Date Aquired	**4-Jun-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.71	28045	1.01 ug/L	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW23**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20254 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3025415

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009606.D

Level: (low/med) LOW Date Received: 5/30/2003

% Moisture: not dec. Date Analyzed: 6/4/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VC009776.D**	Sample Name	**3032103**
Operator	**Skelton**	Field ID	**M8MW24**
Date Aquired	**26-Jun-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene	25.00	283641	3.02 ug/L	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW24**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30321 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3032103

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009776.D

Level: (low/med) LOW Date Received: 6/25/2003

% Moisture: not dec. _____ Date Analyzed: 6/26/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

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

Data File	**VC009607.D**	Sample Name	**3025416**
Operator	**Skelton**	Field ID	**M8697MW01**
Date Aquired	**4-Jun-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8697MW01**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 20254 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3025416

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009607.D

Level: (low/med) LOW Date Received: 5/30/2003

% Moisture: not dec. Date Analyzed: 6/4/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07956.D**	Sample Name	**MB-060303**
Operator	**BPatel**	Misc Info	**MB-060303**
Date Acquired	**5-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07956.D**	Sample Name	**MB-060303**
Operator	**BPatel**	Misc Info	**MB-060303**
Date Acquired	**5-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

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

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **MB-060303**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30254 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB-060303

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07956.D

Level: (low/med) LOW Date Received: 5/30/2003

% Moisture: decanted: (Y/N) N Date Extracted: 6/3/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/5/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.05	8	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07969.D**	Sample Name	**MB-060403**
Operator	**BPatel**	Misc Info	**MB-060403**
Date Acquired	**5-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07969.D**	Sample Name	**MB-060403**
Operator	**BPatel**	Misc Info	**MB-060403**
Date Acquired	**5-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **MB-060403**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30254 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB-060403

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07969.D

Level: (low/med) LOW Date Received: 5/30/2003

% Moisture: decanted: (Y/N) N Date Extracted: 6/4/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/5/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.05	12	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA08049.D**	Sample Name	**MB-062603**
Operator	**BPatel**	Misc Info	**MB-062603**
Date Acquired	**26-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA08049.D**	Sample Name	**MB-062603**
Operator	**BPatel**	Misc Info	**MB-062603**
Date Acquired	**26-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate	18.77	33679	1.02 ug/L	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **MB-062603**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30321 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB-062603

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA08049.D

Level: (low/med) LOW Date Received: 6/25/2003

% Moisture: decanted: (Y/N) N Date Extracted: 6/26/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/26/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.95	12	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07958.D**	Sample Name	**3025402**
Operator	**BPatel**	Misc Info	**Field Blank**
Date Acquired	**5-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07958.D**	Sample Name	**3025402**
Operator	**BPatel**	Misc Info	**Field Blank**
Date Acquired	**5-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30254 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3025402

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07958.D

Level: (low/med) LOW Date Received: 5/30/2003

% Moisture: decanted: (Y/N) N Date Extracted: 6/3/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/5/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 6

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000141-79-7	3-Penten-2-one, 4-methyl-	6.09	17	JN
2. 000541-05-9	Cyclotrisiloxane, hexamethyl-	6.38	380	JN
3.	unknown	9.74	330	J
4. 000541-02-6	Cyclopentasiloxane, decamethyl-	12.32	38	JN
5. 000540-97-6	Cyclohexasiloxane, dodecamethy	14.84	13	JN
6. 000085-44-9	Phthalic anhydride	15.43	4	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA08051.D**	Sample Name	**3032102**
Operator	**BPatel**	Misc Info	**Field Blank**
Date Acquired	**26-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA08051.D**	Sample Name	**3032102**
Operator	**BPatel**	Misc Info	**Field Blank**
Date Acquired	**26-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate	18.77	32753	1.04 ug/L	5000	0.60	10.00	ug/L	B
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30321 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3032102

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA08051.D

Level: (low/med) LOW Date Received: 6/25/2003

% Moisture: decanted: (Y/N) N Date Extracted: 6/26/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/26/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.95	11	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07959.D**	Sample Name	**3025403**
Operator	**BPatel**	Misc Info	**Dupe**
Date Acquired	**5-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07959.D**	Sample Name	**3025403**
Operator	**BPatel**	Misc Info	**Dupe**
Date Acquired	**5-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Dupe**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30254 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3025403

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07959.D

Level: (low/med) LOW Date Received: 5/30/2003

% Moisture: decanted: (Y/N) N Date Extracted: 6/3/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/5/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.05	10	J
2.	unknown	13.94	5	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07960.D**	Sample Name	**3025404**
Operator	**BPatel**	Misc Info	**M8MW12**
Date Acquired	**5-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07960.D**	Sample Name	**3025404**
Operator	**BPatel**	Misc Info	**M8MW12**
Date Acquired	**5-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW12**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30254 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3025404

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07960.D

Level: (low/med) LOW Date Received: 5/30/2003

% Moisture: decanted: (Y/N) N Date Extracted: 6/3/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/5/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.04	10	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07961.D**	Sample Name	**3025405**
Operator	**BPatel**	Misc Info	**M8MW13**
Date Acquired	**5-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07961.D**	Sample Name	**3025405**
Operator	**BPatel**	Misc Info	**M8MW13**
Date Acquired	**5-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW13**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30254 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3025405

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07961.D

Level: (low/med) LOW Date Received: 5/30/2003

% Moisture: decanted: (Y/N) N Date Extracted: 6/3/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/5/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.05	11	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07962.D**	Sample Name	**3025406**
Operator	**BPatel**	Misc Info	**M8MW14**
Date Acquired	**5-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07962.D**	Sample Name	**3025406**
Operator	**BPatel**	Misc Info	**M8MW14**
Date Acquired	**5-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW14**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30254 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3025406

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07962.D

Level: (low/med) LOW Date Received: 5/30/2003

% Moisture: decanted: (Y/N) N Date Extracted: 6/3/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/5/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.05	11	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07963.D**	Sample Name	**3025407**
Operator	**BPatel**	Misc Info	**M8MW15**
Date Acquired	**5-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07963.D**	Sample Name	**3025407**
Operator	**BPatel**	Misc Info	**M8MW15**
Date Acquired	**5-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW15**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30254 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3025407

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07963.D

Level: (low/med) LOW Date Received: 5/30/2003

% Moisture: decanted: (Y/N) N Date Extracted: 6/3/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/5/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 5

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 007098-21-7	Tritetracontane	30.85	4	JN
2.	unknown	7.05	10	J
3. 000110-93-0	5-Hepten-2-one, 6-methyl-	9.92	7	JN
4. 000638-68-6	Triacontane	29.26	6	JN
5. 000630-06-8	Hexatriacontane	29.46	4	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07964.D**	Sample Name	**3025408**
Operator	**BPatel**	Misc Info	**M8MW16**
Date Acquired	**5-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07964.D**	Sample Name	**3025408**
Operator	**BPatel**	Misc Info	**M8MW16**
Date Acquired	**5-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW16**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30254 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3025408

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07964.D

Level: (low/med) LOW Date Received: 5/30/2003

% Moisture: decanted: (Y/N) N Date Extracted: 6/3/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/5/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.04	13	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07965.D**	Sample Name	**3025409**
Operator	**BPatel**	Misc Info	**M8MW17**
Date Acquired	**5-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene	17.77	29030	1.13 ug/L	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07965.D**	Sample Name	**3025409**
Operator	**BPatel**	Misc Info	**M8MW17**
Date Acquired	**5-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW17**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30254 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3025409

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07965.D

Level: (low/med) LOW Date Received: 5/30/2003

% Moisture: decanted: (Y/N) N Date Extracted: 6/3/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/5/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.05	13	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07970.D**	Sample Name	**3025410**
Operator	**BPatel**	Misc Info	**M8MW18**
Date Acquired	**5-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene	10.54	18479	1.23 ug/L	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07970.D**	Sample Name	**3025410**
Operator	**BPatel**	Misc Info	**M8MW18**
Date Acquired	**5-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW18**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30254 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3025410

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07970.D

Level: (low/med) LOW Date Received: 5/30/2003

% Moisture: decanted: (Y/N) N Date Extracted: 6/4/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/5/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 3

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.04	11	J
2. 000119-39-1	Phthalazin-1-one	18.93	16	JN
3. 000098-59-9	Benzenesulfonyl chloride, 4-meth	19.76	7	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07971.D**	Sample Name	**3025411**
Operator	**BPatel**	Misc Info	**M8MW19**
Date Acquired	**5-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07971.D**	Sample Name	**3025411**
Operator	**BPatel**	Misc Info	**M8MW19**
Date Acquired	**5-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW19**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30254 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3025411

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07971.D

Level: (low/med) LOW Date Received: 5/30/2003

% Moisture: decanted: (Y/N) N Date Extracted: 6/4/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/5/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.05	12	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07972.D**	Sample Name	**3025412**
Operator	**BPatel**	Misc Info	**M8MW20**
Date Acquired	**5-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07972.D**	Sample Name	**3025412**
Operator	**BPatel**	Misc Info	**M8MW20**
Date Acquired	**5-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW20**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30254 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3025412

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07972.D

Level: (low/med) LOW Date Received: 5/30/2003

% Moisture: decanted: (Y/N) N Date Extracted: 6/4/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/5/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.05	12	J
2.	unknown	13.94	7	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07973.D**	Sample Name	**3025413**
Operator	**BPatel**	Misc Info	**M8MW21**
Date Acquired	**5-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07973.D**	Sample Name	**3025413**
Operator	**BPatel**	Misc Info	**M8MW21**
Date Acquired	**5-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW21**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30254 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3025413

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07973.D

Level: (low/med) LOW Date Received: 5/30/2003

% Moisture: decanted: (Y/N) N Date Extracted: 6/4/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/5/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.05	12	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07974.D**	Sample Name	**3025414**
Operator	**BPatel**	Misc Info	**M8MW22**
Date Acquired	**5-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07974.D**	Sample Name	**3025414**
Operator	**BPatel**	Misc Info	**M8MW22**
Date Acquired	**5-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate	18.86	45200	1.67 ug/L	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW22**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30254 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3025414

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07974.D

Level: (low/med) LOW Date Received: 5/30/2003

% Moisture: decanted: (Y/N) N Date Extracted: 6/4/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/5/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 3

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.05	11	J
2. 000000-00-0	2,6-Dimethylbenzaldehyde	13.94	7	JN
3.	unknown	34.15	13	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07975.D**	Sample Name	**3025415**
Operator	**BPatel**	Misc Info	**M8MW23**
Date Acquired	**5-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07975.D**	Sample Name	**3025415**
Operator	**BPatel**	Misc Info	**M8MW23**
Date Acquired	**5-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW23**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30254 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3025415

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07975.D

Level: (low/med) LOW Date Received: 5/30/2003

% Moisture: decanted: (Y/N) N Date Extracted: 6/4/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/5/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.04	12	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA08052.D**	Sample Name	**3032103**
Operator	**BPatel**	Misc Info	**M8MW24**
Date Acquired	**26-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA08052.D**	Sample Name	**3032103**
Operator	**BPatel**	Misc Info	**M8MW24**
Date Acquired	**26-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate	18.77	32574	1.05 ug/L	5000	0.60	10.00	ug/L	B
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW24**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30321 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3032103

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA08052.D

Level: (low/med) LOW Date Received: 6/25/2003

% Moisture: decanted: (Y/N) N Date Extracted: 6/26/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/26/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.95	12	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA07976.D**	Sample Name	**3025416**
Operator	**BPatel**	Misc Info	**697MW01**
Date Acquired	**5-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA07976.D**	Sample Name	**3025416**
Operator	**BPatel**	Misc Info	**697MW01**
Date Acquired	**5-Jun-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **697MW01**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30254 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3025416

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA07976.D

Level: (low/med) LOW Date Received: 5/30/2003

% Moisture: decanted: (Y/N) N Date Extracted: 6/4/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/5/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.05	12	J

U.S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

TABULATED ANALYTICAL REPORT
SW 846 608
Pesticides/PCB

mb 060203

Matrix: Aqueous
Date Extracted: 6/2/2003
Ext. Batch: 060203
Filename: 01454A.D
Date Analysed: 6/5/2003

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.0011
319-85-7	beta-BHC	ND	0.0050
58-89-9	gamma-BHC	ND	0.0013
319-86-8	delta-BHC	ND	0.0016
76-44-8	Heptachlor	ND	0.0035
309-00-2	Aldrin	ND	0.0026
1024-57-3	Heptachlor epoxide	ND	0.0020
5103-71-9	gamma-Chlordane	ND	0.0007
5103-74-2	alpha-Chlordane	ND	0.0036
959-98-8	Endosulfan I	ND	0.0016
72-55-9	4,4'-DDE	ND	0.0021
60-57-1	Dieldrin	ND	0.0020
72-20-8	Endrin	ND	0.0032
33213-65-9	Endosulfan II	ND	0.0022
72-54-8	4,4'-DDD	ND	0.0020
7421-93-4	Endrin aldehyde	ND	0.0100
50-29-3	4,4'-DDT	ND	0.0052
1031-07-8	Endosulfan sulfate	ND	0.0026
53494-70-5	Endrin ketone	ND	0.0026
72-43-5	Methoxychlor	ND	0.0100
8001-35-2	Toxaphene	ND	0.0157
12674-11-2	Arochlor 1016	ND	0.0683
11104-28-2	Arochlor 1221	ND	0.0666
11141-16-5	Arochlor 1232	ND	0.0648
53469-21-9	Arochlor 1242	ND	0.0485
12672-29-6	Arochlor 1248	ND	0.0544
11097-69-1	Arochlor 1254	ND	0.0608
11096-82-5	Arochlor 1260	ND	0.0732

MDL = METHOD DETECTION LIMIT
ND =NOT DETECTED, BELOW MDL

Initial vol. (ml): 1000.00
Final vol. (ml): 10

U.S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

TABULATED ANALYTICAL REPORT
SW 846 608
Pesticides/PCB

mb 070103

Matrix: Aqueous
Date Extracted: 7/1/2003
Ext. Batch: 070103
Filename: 01843.D
Date Analysed: 7/19/2003

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.0011
319-85-7	beta-BHC	ND	0.0050
58-89-9	gamma-BHC	ND	0.0013
319-86-8	delta-BHC	ND	0.0016
76-44-8	Heptachlor	ND	0.0035
309-00-2	Aldrin	ND	0.0026
1024-57-3	Heptachlor epoxide	ND	0.0020
5103-71-9	gamma-Chlordane	ND	0.0007
5103-74-2	alpha-Chlordane	ND	0.0036
959-98-8	Endosulfan I	ND	0.0016
72-55-9	4,4'-DDE	ND	0.0021
60-57-1	Dieldrin	ND	0.0020
72-20-8	Endrin	ND	0.0032
33213-65-9	Endosulfan II	ND	0.0022
72-54-8	4,4'-DDD	ND	0.0020
7421-93-4	Endrin aldehyde	ND	0.0100
50-29-3	4,4'-DDT	ND	0.0052
1031-07-8	Endosulfan sulfate	ND	0.0026
53494-70-5	Endrin ketone	ND	0.0026
72-43-5	Methoxychlor	ND	0.0100
8001-35-2	Toxaphene	ND	0.0157
12674-11-2	Arochlor 1016	ND	0.0683
11104-28-2	Arochlor 1221	ND	0.0666
11141-16-5	Arochlor 1232	ND	0.0648
53469-21-9	Arochlor 1242	ND	0.0485
12672-29-6	Arochlor 1248	ND	0.0544
11097-69-1	Arochlor 1254	ND	0.0608
11096-82-5	Arochlor 1260	ND	0.0732

MDL = METHOD DETECTION LIMIT
ND =NOT DETECTED, BELOW MDL

Initial vol. (ml): 1000
Final vol. (ml): 10

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 2nd Qrtr. '03
Field ID: FIELDBLANK
Lab ID: 3025402
Filename: 01456A.D
Lab Project : 30254

Location: M8 Wells 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 060203
Date Extracted: 6/2/2003
Date Analyzed: 05-Jun-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells, 2nd Qrtr. '03
Field ID: FIELDBLANK
Lab ID: 3032102
Filename: 01845.D
Lab Project : 30321

Location: M8 Wells, 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 070103
Date Extracted: 7/1/2003
Date Analyzed: 19-Jul-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 2nd Qrtr. '03
Field ID: Dupe
Lab ID: 3025403
Filename: 01457A.D
Lab Project : 30254

Location: M8 Wells 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 060203
Date Extracted: 6/2/2003
Date Analyzed: 05-Jun-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 2nd Qrtr. '03
Field ID: M8MW12
Lab ID: 3025404
Filename: 01458A.D
Lab Project : 30254

Location: M8 Wells 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 060203
Date Extracted: 6/2/2003
Date Analyzed: 05-Jun-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 2nd Qrtr. '03
Field ID: M8MW13
Lab ID: 3025405
Filename: 01459A.D
Lab Project : 30254

Location: M8 Wells 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 060203
Date Extracted: 6/2/2003
Date Analyzed: 05-Jun-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 2nd Qrtr. '03
Field ID: M8MW14
Lab ID: 3025406
Filename: 01460A.D
Lab Project : 30254

Location: M8 Wells 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 060203
Date Extracted: 6/2/2003
Date Analyzed: 05-Jun-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 2nd Qtr. '03
Field ID: M8MW15
Lab ID: 3025407
Filename: 01461A.D
Lab Project : 30254

Location: M8 Wells 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 060203
Date Extracted: 6/2/2003
Date Analyzed: 05-Jun-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 2nd Qtr. '03
Field ID: M8MW16
Lab ID: 3025408
Filename: 01462A.D
Lab Project : 30254

Location: M8 Wells 2nd Qtr. '03
MATRIX: Aqueous
Ext. Batch: 060203
Date Extracted: 6/2/2003
Date Analyzed: 05-Jun-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 2nd Qrtr. '03
Field ID: M8MW17
Lab ID: 3025409
Filename: 01463A.D
Lab Project : 30254

Location: M8 Wells 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 060203
Date Extracted: 6/2/2003
Date Analyzed: 05-Jun-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 2nd Qtr. '03
Field ID: M8MW18
Lab ID: 3025410
Filename: 01464A.D
Lab Project : 30254

Location: M8 Wells 2nd Qtr. '03
MATRIX: Aqueous
Ext. Batch: 060203
Date Extracted: 6/2/2003
Date Analyzed: 05-Jun-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 2nd Qrtr. '03
Field ID: M8MW19
Lab ID: 3025411
Filename: 01465A.D
Lab Project : 30254

Location: M8 Wells 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 060203
Date Extracted: 6/2/2003
Date Analyzed: 05-Jun-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 2nd Qtr. '03
Field ID: M8MW20
Lab ID: 3025412
Filename: 01466A.D
Lab Project : 30254

Location: M8 Wells 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 060203
Date Extracted: 6/2/2003
Date Analyzed: 05-Jun-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 2nd Qrtr. '03
Field ID: M8MW21
Lab ID: 3025413
Filename: 01467A.D
Lab Project : 30254

Location: M8 Wells 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 060203
Date Extracted: 6/2/2003
Date Analyzed: 05-Jun-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 2nd Qrtr. '03
Field ID: M8MW22
Lab ID: 3025414
Filename: 01468A.D
Lab Project : 30254

Location: M8 Wells 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 060203
Date Extracted: 6/2/2003
Date Analyzed: 06-Jun-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 2nd Qrtr. '03
Field ID: M8MW23
Lab ID: 3025415
Filename: 01469A.D
Lab Project : 30254

Location: M8 Wells 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 060203
Date Extracted: 6/2/2003
Date Analyzed: 06-Jun-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells, 2nd Qrtr. '03
Field ID: M8MW24
Lab ID: 3032103
Filename: 01846.D
Lab Project : 30321

Location: M8 Wells, 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 070103
Date Extracted: 7/1/2003
Date Analyzed: 19-Jul-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 2nd Qrtr. '03
Field ID: M8697MW01
Lab ID: 3025416
Filename: 01470A.D
Lab Project : 30254

Location: M8 Wells 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 060203
Date Extracted: 6/2/2003
Date Analyzed: 06-Jun-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 30254
Sample Received: NA
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	6/18/03	124	200	200	21.8
Antimony	6/18/03	ND	20	20.0	3.70
Arsenic	6/18/03	ND	8	5.00	2.30
Barium	6/18/03	1.34	2000	5.00	0.50
Beryllium	6/18/03	0.0633	20	0.50	0.02
Cadmium	6/18/03	ND	4	2.00	0.40
Calcium	6/18/03	198	NLE	1000	65.0
Chromium	6/18/03	ND	100	5.00	1.00
Cobalt	6/18/03	ND	NLE	2.00	0.30
Copper	6/18/03	1.00	1000	5.00	0.30
Iron	6/18/03	4.18	300	500	78.00
Lead	6/18/03	ND	10	5.00	0.80
Magnesium	6/18/03	11.6	NLE	1000	11.00
Manganese	6/18/03	ND	50	5.00	0.90
Mercury	6/17/03	ND	2	0.50	0.150
Nickel	6/18/03	ND	100	5.00	0.70
Potassium	6/18/03	424	NLE	1000	25.0
Selenium	6/18/03	5.82	50	20.0	4.80
Silver	6/18/03	0.635	20	5.00	0.60
Sodium	6/18/03	331	50000	5000	1160
Thallium	6/18/03	ND	10	10.0	1.90
Vanadium	6/18/03	ND	NLE	5.00	0.20
Zinc	6/18/03	2.61	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 30321
Sample Prepared: 07/21/03

Site: M8
Ft. Monmouth, New Jersey

Field ID#: Method Blank

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	07/22/03	53.2	200	200	21.8
Antimony	07/22/03	ND	20	20.00	3.70
Arsenic	07/22/03	ND	8	5.00	2.30
Barium	07/22/03	ND	2000	5.00	0.500
Beryllium	07/22/03	0.0507	20	0.500	0.020
Cadmium	07/22/03	ND	4	2.00	0.400
Calcium	07/22/03	144	NLE	1000	65.00
Chromium	07/22/03	ND	100	5.00	1.00
Cobalt	07/22/03	ND	NLE	2.00	0.300
Copper	07/22/03	0.759	1000	5.00	0.300
Iron	07/22/03	ND	300	500	78.00
Lead	07/22/03	3.01	10	5.00	0.800
Magnesium	07/22/03	16.1	NLE	1000	11.00
Manganese	07/22/03	ND	50	5.00	0.900
Mercury	07/17/03	ND	2	0.500	0.150
Nickel	07/22/03	ND	100	5.00	0.700
Potassium	07/22/03	796	NLE	1000	25.00
Selenium	07/22/03	6.03	50	20.00	4.80
Silver	07/22/03	ND	20	5.00	0.600
Sodium	07/22/03	ND	50000	5000	1160
Thallium	07/22/03	ND	10	10.00	1.90
Vanadium	07/22/03	ND	NLE	5.00	0.200
Zinc	07/22/03	8.33	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L. = Reporting limit. Note: The results reported between MDL and RL are estimated.

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3025402
Sample Received: 05/30/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: Field Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	6/18/03	ND	200	200	21.8
Antimony	6/18/03	ND	20	20.0	3.70
Arsenic	6/18/03	ND	8	5.00	2.30
Barium	6/18/03	0.816	2000	5.00	0.50
Beryllium	6/18/03	0.143	20	0.50	0.02
Cadmium	6/18/03	ND	4	2.00	0.40
Calcium	6/18/03	ND	NLE	1000	65.0
Chromium	6/18/03	ND	100	5.00	1.00
Cobalt	6/18/03	ND	NLE	2.00	0.30
Copper	6/18/03	0.430	1000	5.00	0.30
Iron	6/18/03	ND	300	500	78.00
Lead	6/18/03	2.69	10	5.00	0.80
Magnesium	6/18/03	ND	NLE	1000	11.00
Manganese	6/18/03	ND	50	5.00	0.90
Mercury	6/17/03	ND	2	0.50	0.150
Nickel	6/18/03	2.19	100	5.00	0.70
Potassium	6/18/03	ND	NLE	1000	25.0
Selenium	6/18/03	ND	50	20.0	4.80
Silver	6/18/03	ND	20	5.00	0.60
Sodium	6/18/03	ND	50000	5000	1160
Thallium	6/18/03	ND	10	10.0	1.90
Vanadium	6/18/03	ND	NLE	5.00	0.20
Zinc	6/18/03	25.8	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3032102
Sample Received: 06/25/03
Sample Matrix: AQ

Site: M8

Field ID: Field Blank

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	07/22/03	ND	200	200	21.8
Antimony	07/22/03	ND	20	20.00	3.70
Arsenic	07/22/03	ND	8	5.00	2.30
Barium	07/22/03	ND	2000	5.00	0.500
Beryllium	07/22/03	0.0841	20	0.500	0.020
Cadmium	07/22/03	ND	4	2.00	0.400
Calcium	07/22/03	67.4	NLE	1000	65.00
Chromium	07/22/03	ND	100	5.00	1.00
Cobalt	07/22/03	ND	NLE	2.00	0.300
Copper	07/22/03	ND	1000	5.00	0.300
Iron	07/22/03	ND	300	500	78.00
Lead	07/22/03	ND	10	5.00	0.800
Magnesium	07/22/03	ND	NLE	1000	11.00
Manganese	07/22/03	ND	50	5.00	0.900
Mercury	07/17/03	ND	2	0.500	0.150
Nickel	07/22/03	6.20	100	5.00	0.700
Potassium	07/22/03	200	NLE	1000	25.00
Selenium	07/22/03	4.84	50	20.00	4.80
Silver	07/22/03	ND	20	5.00	0.600
Sodium	07/22/03	ND	50000	5000	1160
Thallium	07/22/03	ND	10	10.00	1.90
Vanadium	07/22/03	ND	NLE	5.00	0.200
Zinc	07/22/03	ND	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L. = Reporting limit. Note: The results reported between MDL and RL are estimated.

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3025403
Sample Received: 05/30/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: Duplicate

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	6/18/03	1740	200	200	21.8
Antimony	6/18/03	ND	20	20.0	3.70
Arsenic	6/18/03	2.56	8	5.00	2.30
Barium	6/18/03	75.2	2000	5.00	0.50
Beryllium	6/18/03	0.188	20	0.50	0.02
Cadmium	6/18/03	4.02	4	2.00	0.40
Calcium	6/18/03	158000	NLE	1000	65.0
Chromium	6/18/03	10.2	100	5.00	1.00
Cobalt	6/18/03	ND	NLE	2.00	0.30
Copper	6/18/03	32.4	1000	5.00	0.30
Iron	6/18/03	12300	300	500	78.00
Lead	6/18/03	10.4	10	5.00	0.80
Magnesium	6/18/03	34600	NLE	1000	11.00
Manganese	6/18/03	66.0	50	5.00	0.90
Mercury	6/17/03	0.29	2	0.50	0.150
Nickel	6/18/03	9.49	100	5.00	0.70
Potassium	6/18/03	14100	NLE	1000	25.0
Selenium	6/18/03	12.6	50	20.0	4.80
Silver	6/18/03	1.85	20	5.00	0.60
Sodium	6/18/03	243000E	50000	5000	1160
Thallium	6/18/03	ND	10	10.0	1.90
Vanadium	6/18/03	5.71	NLE	5.00	0.20
Zinc	6/18/03	985	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3025404
Sample Received: 05/30/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW12

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	6/18/03	4000	200	200	21.8
Antimony	6/18/03	ND	20	20.0	3.70
Arsenic	6/18/03	3.05	8	5.00	2.30
Barium	6/18/03	21.7	2000	5.00	0.50
Beryllium	6/18/03	0.451	20	0.50	0.02
Cadmium	6/18/03	1.10	4	2.00	0.40
Calcium	6/18/03	17000	NLE	1000	65.0
Chromium	6/18/03	33.0	100	5.00	1.00
Cobalt	6/18/03	0.500	NLE	2.00	0.30
Copper	6/18/03	8.02	1000	5.00	0.30
Iron	6/18/03	27900	300	500	78.00
Lead	6/18/03	8.61	10	5.00	0.80
Magnesium	6/18/03	5950	NLE	1000	11.00
Manganese	6/18/03	62.6	50	5.00	0.90
Mercury	6/17/03	ND	2	0.50	0.150
Nickel	6/18/03	12.7	100	5.00	0.70
Potassium	6/18/03	5890	NLE	1000	25.0
Selenium	6/18/03	ND	50	20.0	4.80
Silver	6/18/03	ND	20	5.00	0.60
Sodium	6/18/03	51900	50000	5000	1160
Thallium	6/18/03	ND	10	10.0	1.90
Vanadium	6/18/03	18.5	NLE	5.00	0.20
Zinc	6/18/03	120	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3025405
Sample Received: 05/30/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW13

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	6/18/03	1810	200	200	21.8
Antimony	6/18/03	ND	20	20.0	3.70
Arsenic	6/18/03	2.34	8	5.00	2.30
Barium	6/18/03	75.8	2000	5.00	0.50
Beryllium	6/18/03	0.177	20	0.50	0.02
Cadmium	6/18/03	3.92	4	2.00	0.40
Calcium	6/18/03	168000	NLE	1000	65.0
Chromium	6/18/03	10.5	100	5.00	1.00
Cobalt	6/18/03	ND	NLE	2.00	0.30
Copper	6/18/03	32.0	1000	5.00	0.30
Iron	6/18/03	11200	300	500	78.00
Lead	6/18/03	9.56	10	5.00	0.80
Magnesium	6/18/03	36700	NLE	1000	11.00
Manganese	6/18/03	54.5	50	5.00	0.90
Mercury	6/17/03	ND	2	0.50	0.150
Nickel	6/18/03	8.97	100	5.00	0.70
Potassium	6/18/03	ND	NLE	1000	25.0
Selenium	6/18/03	13.8	50	20.0	4.80
Silver	6/18/03	ND	20	5.00	0.60
Sodium	6/18/03	251000E	50000	5000	1160
Thallium	6/18/03	ND	10	10.0	1.90
Vanadium	6/18/03	5.61	NLE	5.00	0.20
Zinc	6/18/03	1010	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3025406
Sample Received: 05/30/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW14

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	6/18/03	237	200	200	21.8
Antimony	6/18/03	7.48	20	20.0	3.70
Arsenic	6/18/03	3.14	8	5.00	2.30
Barium	6/18/03	26.3	2000	5.00	0.50
Beryllium	6/18/03	0.153	20	0.50	0.02
Cadmium	6/18/03	0.944	4	2.00	0.40
Calcium	6/18/03	59600	NLE	1000	65.0
Chromium	6/18/03	2.01	100	5.00	1.00
Cobalt	6/18/03	1.26	NLE	2.00	0.30
Copper	6/18/03	10.2	1000	5.00	0.30
Iron	6/18/03	3960	300	500	78.00
Lead	6/18/03	5.74	10	5.00	0.80
Magnesium	6/18/03	4450	NLE	1000	11.00
Manganese	6/18/03	89.5	50	5.00	0.90
Mercury	6/17/03	ND	2	0.50	0.150
Nickel	6/18/03	8.35	100	5.00	0.70
Potassium	6/18/03	4950	NLE	1000	25.0
Selenium	6/18/03	8.46	50	20.0	4.80
Silver	6/18/03	ND	20	5.00	0.60
Sodium	6/18/03	2280	50000	5000	1160
Thallium	6/18/03	2.27	10	10.0	1.90
Vanadium	6/18/03	6.01	NLE	5.00	0.20
Zinc	6/18/03	526	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3025407
Sample Received: 05/30/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW15

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	6/18/03	275	200	200	21.8
Antimony	6/18/03	ND	20	20.0	3.70
Arsenic	6/18/03	ND	8	5.00	2.30
Barium	6/18/03	27.5	2000	5.00	0.50
Beryllium	6/18/03	0.128	20	0.50	0.02
Cadmium	6/18/03	0.665	4	2.00	0.40
Calcium	6/18/03	57700	NLE	1000	65.0
Chromium	6/18/03	3.22	100	5.00	1.00
Cobalt	6/18/03	0.903	NLE	2.00	0.30
Copper	6/18/03	16.5	1000	5.00	0.30
Iron	6/18/03	1020	300	500	78.00
Lead	6/18/03	2.03	10	5.00	0.80
Magnesium	6/18/03	12000	NLE	1000	11.00
Manganese	6/18/03	120	50	5.00	0.90
Mercury	6/17/03	ND	2	0.50	0.150
Nickel	6/18/03	15.0	100	5.00	0.70
Potassium	6/18/03	6040	NLE	1000	25.0
Selenium	6/18/03	10.4	50	20.0	4.80
Silver	6/18/03	ND	20	5.00	0.60
Sodium	6/18/03	64200	50000	5000	1160
Thallium	6/18/03	2.47	10	10.0	1.90
Vanadium	6/18/03	2.05	NLE	5.00	0.20
Zinc	6/18/03	66.2	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3025408
Sample Received: 05/30/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW16

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	6/18/03	4610	200	200	21.8
Antimony	6/18/03	ND	20	20.0	3.70
Arsenic	6/18/03	ND	8	5.00	2.30
Barium	6/18/03	32.9	2000	5.00	0.50
Beryllium	6/18/03	1.19	20	0.50	0.02
Cadmium	6/18/03	18.8	4	2.00	0.40
Calcium	6/18/03	58000	NLE	1000	65.0
Chromium	6/18/03	8.46	100	5.00	1.00
Cobalt	6/18/03	6.11	NLE	2.00	0.30
Copper	6/18/03	61.5	1000	5.00	0.30
Iron	6/18/03	6730	300	500	78.00
Lead	6/18/03	18.2	10	5.00	0.80
Magnesium	6/18/03	6780	NLE	1000	11.00
Manganese	6/18/03	177	50	5.00	0.90
Mercury	6/17/03	0.29	2	0.50	0.150
Nickel	6/18/03	38.9	100	5.00	0.70
Potassium	6/18/03	9970	NLE	1000	25.0
Selenium	6/18/03	7.93	50	20.0	4.80
Silver	6/18/03	ND	20	5.00	0.60
Sodium	6/18/03	5610	50000	5000	1160
Thallium	6/18/03	2.16	10	10.0	1.90
Vanadium	6/18/03	3.52	NLE	5.00	0.20
Zinc	6/18/03	813	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3025409
Sample Received: 05/30/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW17

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	6/18/03	249	200	200	21.8
Antimony	6/18/03	4.05	20	20.0	3.70
Arsenic	6/18/03	4.67	8	5.00	2.30
Barium	6/18/03	43.3	2000	5.00	0.50
Beryllium	6/18/03	0.0826	20	0.50	0.02
Cadmium	6/18/03	ND	4	2.00	0.40
Calcium	6/18/03	147000	NLE	1000	65.0
Chromium	6/18/03	1.86	100	5.00	1.00
Cobalt	6/18/03	0.452	NLE	2.00	0.30
Copper	6/18/03	7.35	1000	5.00	0.30
Iron	6/18/03	5240	300	500	78.00
Lead	6/18/03	2.10	10	5.00	0.80
Magnesium	6/18/03	10500	NLE	1000	11.00
Manganese	6/18/03	84.3	50	5.00	0.90
Mercury	6/17/03	ND	2	0.50	0.150
Nickel	6/18/03	1.40	100	5.00	0.70
Potassium	6/18/03	2570	NLE	1000	25.0
Selenium	6/18/03	12.9	50	20.0	4.80
Silver	6/18/03	ND	20	5.00	0.60
Sodium	6/18/03	25800	50000	5000	1160
Thallium	6/18/03	ND	10	10.0	1.90
Vanadium	6/18/03	4.19	NLE	5.00	0.20
Zinc	6/18/03	12.7	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3025410
Sample Received: 05/30/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW18

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	6/18/03	1090	200	200	21.8
Antimony	6/18/03	ND	20	20.0	3.70
Arsenic	6/18/03	ND	8	5.00	2.30
Barium	6/18/03	270	2000	5.00	0.50
Beryllium	6/18/03	0.264	20	0.50	0.02
Cadmium	6/18/03	1.40	4	2.00	0.40
Calcium	6/18/03	117000	NLE	1000	65.0
Chromium	6/18/03	7.40	100	5.00	1.00
Cobalt	6/18/03	ND	NLE	2.00	0.30
Copper	6/18/03	10.6	1000	5.00	0.30
Iron	6/18/03	11200	300	500	78.00
Lead	6/18/03	29.6	10	5.00	0.80
Magnesium	6/18/03	50500	NLE	1000	11.00
Manganese	6/18/03	311	50	5.00	0.90
Mercury	6/17/03	ND	2	0.50	0.150
Nickel	6/18/03	3.96	100	5.00	0.70
Potassium	6/18/03	24000	NLE	1000	25.0
Selenium	6/18/03	8.83	50	20.0	4.80
Silver	6/18/03	ND	20	5.00	0.60
Sodium	6/18/03	262000E	50000	5000	1160
Thallium	6/18/03	ND	10	10.0	1.90
Vanadium	6/18/03	5.14	NLE	5.00	0.20
Zinc	6/18/03	182	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3025411
Sample Received: 05/30/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW19

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	6/18/03	262	200	200	21.8
Antimony	6/18/03	7.63	20	20.0	3.70
Arsenic	6/18/03	ND	8	5.00	2.30
Barium	6/18/03	40.1	2000	5.00	0.50
Beryllium	6/18/03	0.290	20	0.50	0.02
Cadmium	6/18/03	3.76	4	2.00	0.40
Calcium	6/18/03	73900	NLE	1000	65.0
Chromium	6/18/03	2.03	100	5.00	1.00
Cobalt	6/18/03	0.339	NLE	2.00	0.30
Copper	6/18/03	9.19	1000	5.00	0.30
Iron	6/18/03	6350	300	500	78.00
Lead	6/18/03	9.00	10	5.00	0.80
Magnesium	6/18/03	10700	NLE	1000	11.00
Manganese	6/18/03	70.3	50	5.00	0.90
Mercury	6/17/03	ND	2	0.50	0.150
Nickel	6/18/03	15.6	100	5.00	0.70
Potassium	6/18/03	3470	NLE	1000	25.0
Selenium	6/18/03	4.91	50	20.0	4.80
Silver	6/18/03	ND	20	5.00	0.60
Sodium	6/18/03	49900	50000	5000	1160
Thallium	6/18/03	2.73	10	10.0	1.90
Vanadium	6/18/03	2.06	NLE	5.00	0.20
Zinc	6/18/03	925	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3025412
Sample Received: 05/30/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW20

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	6/18/03	165	200	200	21.8
Antimony	6/18/03	ND	20	20.0	3.70
Arsenic	6/18/03	ND	8	5.00	2.30
Barium	6/18/03	20.0	2000	5.00	0.50
Beryllium	6/18/03	0.124	20	0.50	0.02
Cadmium	6/18/03	1.24	4	2.00	0.40
Calcium	6/18/03	34700	NLE	1000	65.0
Chromium	6/18/03	21.9	100	5.00	1.00
Cobalt	6/18/03	0.411	NLE	2.00	0.30
Copper	6/18/03	3.18	1000	5.00	0.30
Iron	6/18/03	3500	300	500	78.00
Lead	6/18/03	ND	10	5.00	0.80
Magnesium	6/18/03	39000	NLE	1000	11.00
Manganese	6/18/03	10.1	50	5.00	0.90
Mercury	6/17/03	ND	2	0.50	0.150
Nickel	6/18/03	1.73	100	5.00	0.70
Potassium	6/18/03	21600	NLE	1000	25.0
Selenium	6/18/03	5.06	50	20.0	4.80
Silver	6/18/03	ND	20	5.00	0.60
Sodium	6/18/03	255000E	50000	5000	1160
Thallium	6/18/03	ND	10	10.0	1.90
Vanadium	6/18/03	12.8	NLE	5.00	0.20
Zinc	6/18/03	52.2	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3025413
Sample Received: 05/30/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW21

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	6/18/03	913	200	200	21.8
Antimony	6/18/03	ND	20	20.0	3.70
Arsenic	6/18/03	ND	8	5.00	2.30
Barium	6/18/03	18.1	2000	5.00	0.50
Beryllium	6/18/03	0.111	20	0.50	0.02
Cadmium	6/18/03	1.38	4	2.00	0.40
Calcium	6/18/03	98700	NLE	1000	65.0
Chromium	6/18/03	5.48	100	5.00	1.00
Cobalt	6/18/03	ND	NLE	2.00	0.30
Copper	6/18/03	9.35	1000	5.00	0.30
Iron	6/18/03	3590	300	500	78.00
Lead	6/18/03	1.59	10	5.00	0.80
Magnesium	6/18/03	58500	NLE	1000	11.00
Manganese	6/18/03	20.1	50	5.00	0.90
Mercury	6/17/03	ND	2	0.50	0.150
Nickel	6/18/03	7.61	100	5.00	0.70
Potassium	6/18/03	22400	NLE	1000	25.0
Selenium	6/18/03	13.5	50	20.0	4.80
Silver	6/18/03	ND	20	5.00	0.60
Sodium	6/18/03	419000E	50000	5000	1160
Thallium	6/18/03	ND	10	10.0	1.90
Vanadium	6/18/03	3.22	NLE	5.00	0.20
Zinc	6/18/03	313	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3025414
Sample Received: 05/30/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW22

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	6/18/03	237	200	200	21.8
Antimony	6/18/03	ND	20	20.0	3.70
Arsenic	6/18/03	ND	8	5.00	2.30
Barium	6/18/03	9.59	2000	5.00	0.50
Beryllium	6/18/03	0.148	20	0.50	0.02
Cadmium	6/18/03	0.492	4	2.00	0.40
Calcium	6/18/03	33800	NLE	1000	65.0
Chromium	6/18/03	5.50	100	5.00	1.00
Cobalt	6/18/03	2.08	NLE	2.00	0.30
Copper	6/18/03	6.68	1000	5.00	0.30
Iron	6/18/03	2060	300	500	78.00
Lead	6/18/03	2.80	10	5.00	0.80
Magnesium	6/18/03	37600	NLE	1000	11.00
Manganese	6/18/03	255	50	5.00	0.90
Mercury	6/17/03	ND	2	0.50	0.150
Nickel	6/18/03	2.64	100	5.00	0.70
Potassium	6/18/03	21400	NLE	1000	25.0
Selenium	6/18/03	7.40	50	20.0	4.80
Silver	6/18/03	ND	20	5.00	0.60
Sodium	6/18/03	382000E	50000	5000	1160
Thallium	6/18/03	ND	10	10.0	1.90
Vanadium	6/18/03	5.32	NLE	5.00	0.20
Zinc	6/18/03	70.5	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3025415
Sample Received: 05/30/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW23

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	6/18/03	500	200	200	21.8
Antimony	6/18/03	ND	20	20.0	3.70
Arsenic	6/18/03	ND	8	5.00	2.30
Barium	6/18/03	9.54	2000	5.00	0.50
Beryllium	6/18/03	0.155	20	0.50	0.02
Cadmium	6/18/03	ND	4	2.00	0.40
Calcium	6/18/03	73500	NLE	1000	65.0
Chromium	6/18/03	4.39	100	5.00	1.00
Cobalt	6/18/03	0.397	NLE	2.00	0.30
Copper	6/18/03	2.59	1000	5.00	0.30
Iron	6/18/03	3370	300	500	78.00
Lead	6/18/03	2.76	10	5.00	0.80
Magnesium	6/18/03	7220	NLE	1000	11.00
Manganese	6/18/03	160	50	5.00	0.90
Mercury	6/17/03	ND	2	0.50	0.150
Nickel	6/18/03	2.98	100	5.00	0.70
Potassium	6/18/03	3130	NLE	1000	25.0
Selenium	6/18/03	7.15	50	20.0	4.80
Silver	6/18/03	ND	20	5.00	0.60
Sodium	6/18/03	7460	50000	5000	1160
Thallium	6/18/03	2.08	10	10.0	1.90
Vanadium	6/18/03	3.36	NLE	5.00	0.20
Zinc	6/18/03	35.6	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3032103
Sample Received: 06/25/03
Sample Matrix: AQ

Site: M8

Field ID: M8MW24

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	07/22/03	74.7	200	200	21.8
Antimony	07/22/03	ND	20	20.00	3.70
Arsenic	07/22/03	ND	8	5.00	2.30
Barium	07/22/03	194	2000	5.00	0.500
Beryllium	07/22/03	0.0528	20	0.500	0.020
Cadmium	07/22/03	0.661	4	2.00	0.400
Calcium	07/22/03	60800	NLE	1000	65.00
Chromium	07/22/03	1.35	100	5.00	1.00
Cobalt	07/22/03	ND	NLE	2.00	0.300
Copper	07/22/03	ND	1000	5.00	0.300
Iron	07/22/03	12200	300	500	78.00
Lead	07/22/03	1.36	10	5.00	0.800
Magnesium	07/22/03	11700	NLE	1000	11.00
Manganese	07/22/03	87.2	50	5.00	0.900
Mercury	07/17/03	ND	2	0.500	0.150
Nickel	07/22/03	1.01	100	5.00	0.700
Potassium	07/22/03	12000	NLE	1000	25.00
Selenium	07/22/03	ND	50	20.00	4.80
Silver	07/22/03	ND	20	5.00	0.600
Sodium	07/22/03	44700	50000	5000	1160
Thallium	07/22/03	ND	10	10.00	1.90
Vanadium	07/22/03	0.719	NLE	5.00	0.200
Zinc	07/22/03	6.85	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L. = Reporting limit. Note: The results reported between MDL and RL are estimated.

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3025416
Sample Received: 05/30/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: 697MW01

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	6/18/03	381	200	200	21.8
Antimony	6/18/03	ND	20	20.0	3.70
Arsenic	6/18/03	ND	8	5.00	2.30
Barium	6/18/03	20.0	2000	5.00	0.50
Beryllium	6/18/03	0.192	20	0.50	0.02
Cadmium	6/18/03	1.04	4	2.00	0.40
Calcium	6/18/03	12700	NLE	1000	65.0
Chromium	6/18/03	4.66	100	5.00	1.00
Cobalt	6/18/03	2.41	NLE	2.00	0.30
Copper	6/18/03	ND	1000	5.00	0.30
Iron	6/18/03	7090	300	500	78.00
Lead	6/18/03	0.921	10	5.00	0.80
Magnesium	6/18/03	4930	NLE	1000	11.00
Manganese	6/18/03	17.7	50	5.00	0.90
Mercury	6/17/03	ND	2	0.50	0.150
Nickel	6/18/03	10.3	100	5.00	0.70
Potassium	6/18/03	2440	NLE	1000	25.0
Selenium	6/18/03	ND	50	20.0	4.80
Silver	6/18/03	ND	20	5.00	0.60
Sodium	6/18/03	33100	50000	5000	1160
Thallium	6/18/03	ND	10	10.0	1.90
Vanadium	6/18/03	2.69	NLE	5.00	0.20
Zinc	6/18/03	8.28	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

	Lab	2-Butan one	Tetra chloro ethene	Aluminum	Iron	Manganese	Arsenic	Chromium	Lead	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	300	1	200	300	50	8	100	10	-	-
06/24/1997	FMETL	ND	5.04	56	370	22	-	-	-	9.45	V,S,P,M
08/25/1997	FMETL	ND	4.96	170.4	760	43	-	-	-	9.80	V,S,P,M
10/31/1997	FMETL	ND	7.64	182	19	7.7	-	-	-	10.10	V,S,P,M
02/25/1998	FMETL	ND	2.25	7205	18860	34.8	-	-	-	7.31	V,S,P,M
06/04/1998	FMETL	ND	5.49	1210	6520	14.1	-	-	-	8.41	V,S,P,M
08/28/1998	FMETL	2.50	5.56	6580	18800	55.5	-	-	-	10.29	V,S,P,M
11/04/1998	FMETL	ND	21.68	1110	3360	13	-	-	-	10.86	V,S,P,M
01/27/1999	FMETL	ND	4.27	5040	16700	27.3	ND	42.5	3	8.84	V,S,P,M
06/22/1999	FMETL	2.89	46.06	197	1380	13.6	ND	1.53	ND	9.91	V,S,P,M
09/23/1999	FMETL	ND	11.77	1930	5190	12.9	ND	14.4	ND	9.52	V,S,P,M
12/28/1999	FMETL	ND	19.76	ND	144	6.80	ND	0.978	ND	8.76	V,S,P,M
03/15/2000	FMETL	ND	15.64	1240	3860	12.0	ND	4.78	ND	8.86	V,S,P,M
06/05/2000	FMETL	ND	10.89	355	3090	12.4	ND	5.75	ND	9.28	V,S,P,M
06/05/2000D	FMETL	ND	6.66	253	2970	12.1	ND	4.74	ND	9.28	V,S,P,M
09/06/2000	FMETL	ND	7.63	1760	8540	13.9	3.59	ND	ND	9.06	V,S,P,M
09/06/2000D	FMETL	ND	6.93	1410	8760	17.0	2.68	ND	1.40	9.06	V,S,P,M
12/13/2000	FMETL	ND	3.42	401	2100	6.29	ND	4.12	ND	9.86	V,S,P,M
12/13/2000D	FMETL	ND	6.68	434	2320	6.77	ND	4.90	ND	9.86	V,S,P,M
03/20/2001	FMETL	ND	4.72	870	3420	19.3	ND	8.60	3.00	8.54	V,S,P,M
06/08/2001	FMETL	ND	6.59	508	14000	136	5.65	4.84	1.46	8.47	V,S,P,M
06/08/2001D	FMETL	ND	6.41	409	13500	135	6.64	4.09	1.53	8.47	V,S,P,M
09/24/2001	FMETL	ND	7.24	2530	23300	148	ND	22.0	2.97	10.30	V,S,P,M
12/17/2001	FMETL	ND	25.43	290	14800	67.8	ND	3.56	2.08	10.81	V,S,P,M
12/17/2001D	FMETL	ND	15.60	328	15200	63.8	3.41	4.25	3.23	10.81	V,S,P,M
03/21/2002	FMETL	ND	29.19	568	4750	19.6	4.44	4.66	ND	9.49	V,S,P,M
06/11/2002	FMETL	ND	29.04	553	3890	21.1	ND	4.79	ND	8.75	V,S,P,M
09/23/2002	FMETL	14.04	11.44	847	42100	156	16.8	9.05	3.78	9.42	V,S,P,M
12/13/2002	FMETL	59.80	9.51	133	24900	64.2	6.46	1.14	ND	8.08	V,S,P,M
03/21/2003	FMETL	2.78	4.45	80.3	5310	20.6	4.30	ND	ND	8.30	V,S,P,M
05/30/2003	FMETL	ND	3.10	4000	27900	62.6	3.05	33.0	8.61	8.52	V,S,P,M

SOURCE: 00M8MW12

Sampling Dates:
06/24/1997 - 05/30/2003

NOTES:

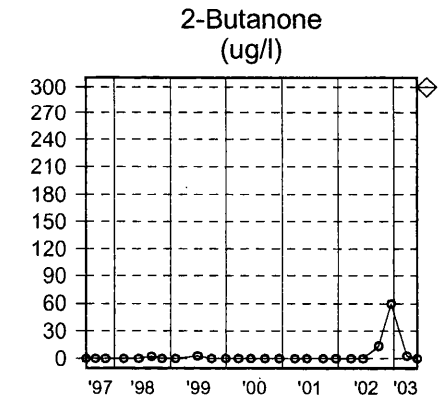
FORT MONMOUTH

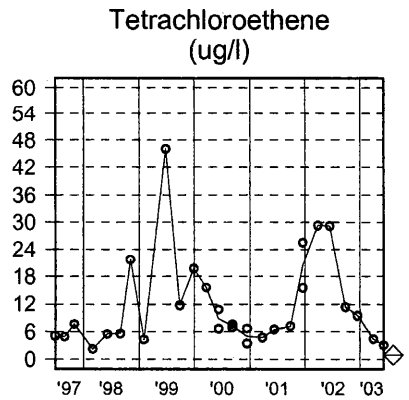
GW MONITORING
M-8 Bldg 697

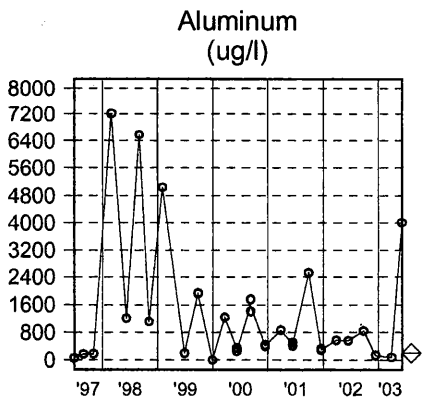
Source 1 of 14

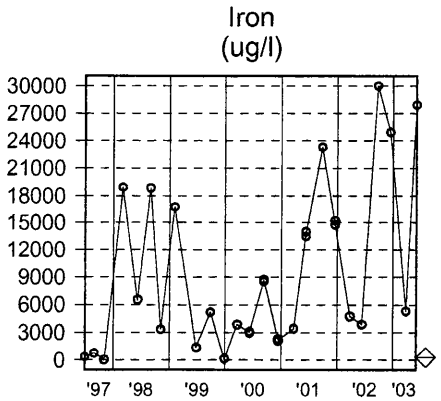
Silver in blank > Criteria, sample date 6/97.

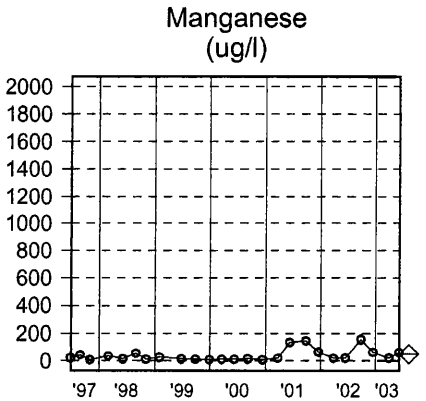
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

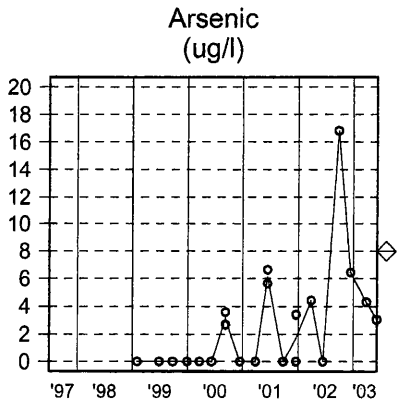


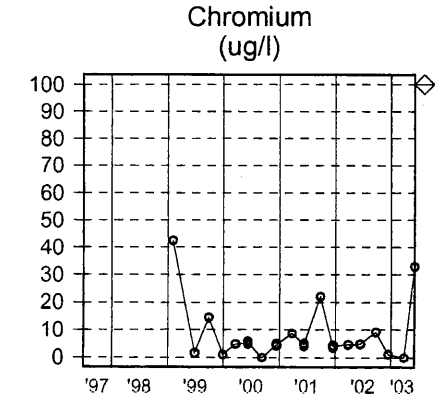


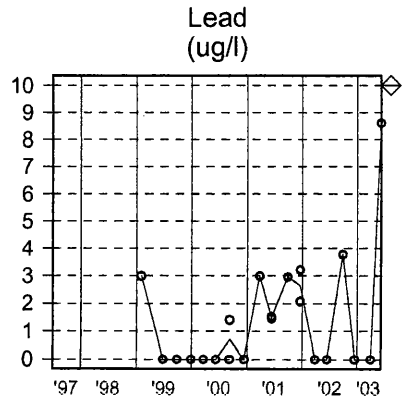


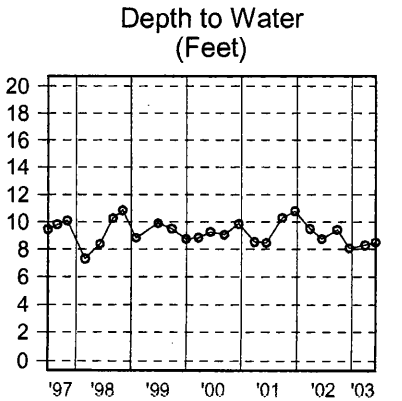












SOURCE: 00M8MW12

Sampling Dates:
06/24/1997 - 05/30/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 1 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

08-07-2003 X:\MtechData\M-8\M8.WSF

	Lab	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	200	300	50	50000	8	100	10	-		-
06/24/1997	FMETL	364	23650	148	1083000	-	-	-	7.00		V,S,P,M
08/25/1997	FMETL	661	21830	135	155200	-	-	-	7.00		V,S,P,M
10/31/1997	FMETL	231	12560	234	3854000	-	-	-	7.00		V,S,P,M
02/25/1998	FMETL	3514	12190	35.5	113900	-	-	-	5.95		V,S,P,M
06/04/1998	FMETL	2039	41310	170	13970	-	-	-	6.71		V,S,P,M
08/28/1998	FMETL	225	24800	165	3540000	-	-	-	6.42		V,S,P,M
11/04/1998	FMETL	292	18300	160	4500000	-	-	-	6.17		V,S,P,M
01/27/1999	FMETL	577	5640	30.5	139000	ND	7.72	3.61	6.51		V,S,P,M
06/22/1999	FMETL	1720	26200	204	2800000	3.12	3.05	ND	6.78		V,S,P,M
09/23/1999	FMETL	138	14400	149	1420000	ND	11.1	3.76	6.30		V,S,P,M
12/28/1999	FMETL	360	6410	14.3	204000	ND	7.09	5.96	6.83		V,S,P,M
03/15/2000	FMETL	815	6950	9.23	131000	2.31	8.32	4.14	6.62		V,S,P,M
06/05/2000	FMETL	141	13900	207	364000	3.01	22.4	ND	6.05		V,S,P,M
09/06/2000	FMETL	642	12300	65.0	489000	2.59	ND	27.0	6.66		V,S,P,M
12/13/2000	FMETL	1490	15600	70.9	379000	7.46	18.4	10.6	7.12		V,S,P,M
03/20/2001	FMETL	870	3440	19.2	29500	ND	8.90	1.00	6.56		V,S,M,P
06/08/2001	FMETL	1180	42800	561	364000	6.69	7.62	31.2	6.76		V,S,P,M
09/24/2001	FMETL	660	64900	636	2570000	ND	9.64	6.13	6.84		V,S,P,M
12/17/2001	FMETL	1270	68700	409	ND	6.01	10.0	29.3	5.64		V,S,P,M
03/21/2002	FMETL	506	3430	25.1	240000	4.37	3.47	4.62	6.47		V,S,P,M
06/11/2002	FMETL	883	5770	97.4	504000	ND	6.88	8.08	6.40		V,S,P,M
09/23/2002	FMETL	179	38200	421	2110000	ND	5.43	5.99	5.58		V,S,P,M
12/10/2002	FMETL	12.6	5940	204	700000	ND	2.41	ND	5.21		V,S,P,M
03/21/2003	FMETL	222	16400	4.35	179000	3.27	2.10	9.38	6.29		V,S,P,M
05/30/2003	FMETL	1810	11200	54.5	251000	2.34	10.5	9.56	6.55		V,S,P,M

SOURCE: 00M8MW13

Sampling Dates:
06/24/1997 - 05/30/2003

NOTES:

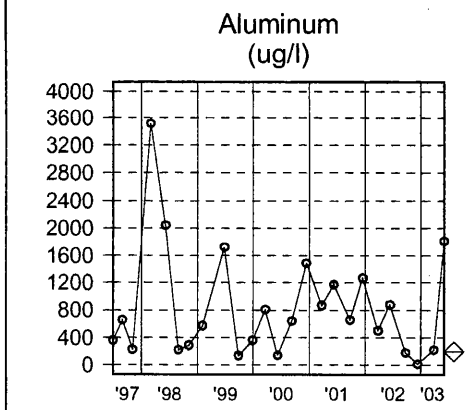
FORT MONMOUTH

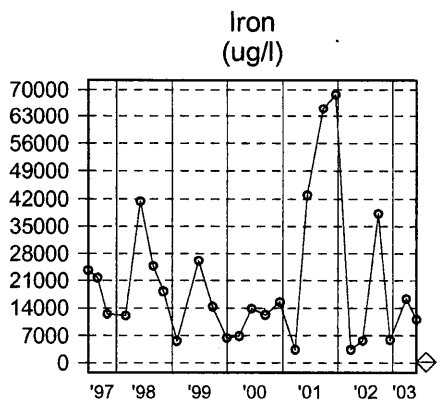
GW MONITORING
M-8 Bldg 697

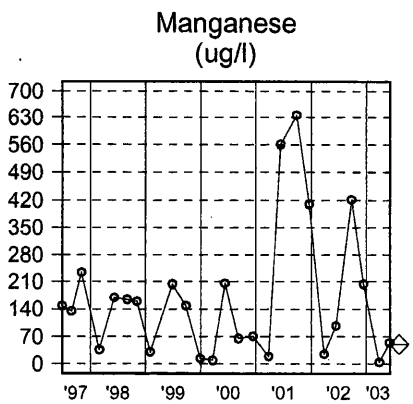
Source 2 of 14

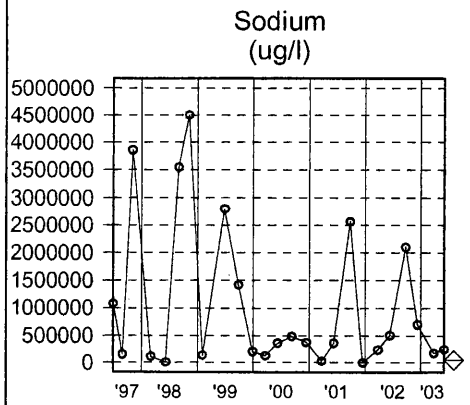
Silver in blank > Criteria, sample date 6/97.

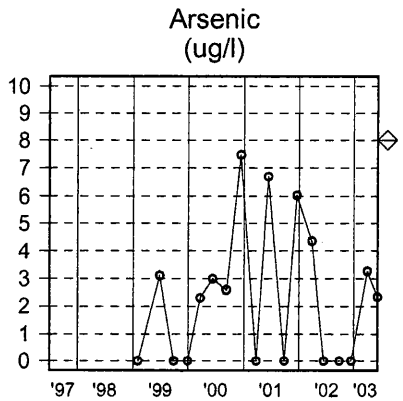
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

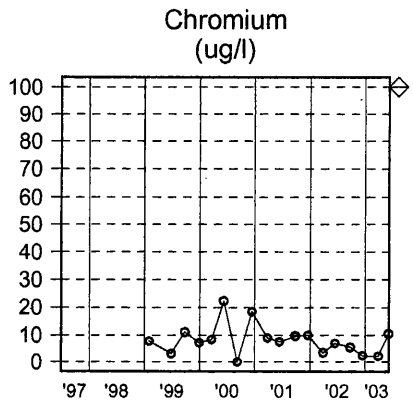


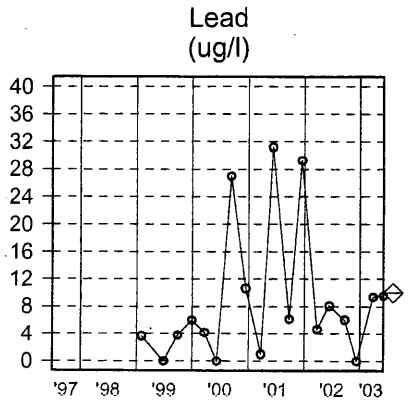


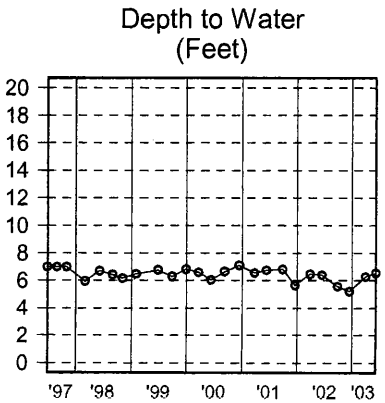












SOURCE: 00M8MW13

Sampling Dates:
06/24/1997 - 05/30/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 2 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

08-07-2003 X:\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	4	200	300	50	50000	8	100	10	-	-
06/24/1997	FMETL	16	227	47000	288	179000	-	-	-	8.05	V,S,P,M
08/25/1997	FMETL	6.49	65	20880	549	125800	-	-	-	8.15	V,S,P,M
10/31/1997	FMETL	4.38	203	25450	340	182300	-	-	-	8.30	V,S,P,M
02/25/1998	FMETL	4.97	1029	33710	366	109200	-	-	-	6.22	V,S,P,M
06/04/1998	FMETL	7.79	727	43420	332	204600	-	-	-	7.68	V,S,P,M
08/28/1998	FMETL	6.47	275	34800	315	288000	-	-	-	8.34	V,S,P,M
11/04/1998	FMETL	6.21	226	41900	380	447000	-	-	-	8.19	V,S,P,M
01/27/1999	FMETL	3.95	215	37400	402	195000	ND	10.6	2.73	7.45	V,S,P,M
06/22/1999	FMETL	5.12	685	33000	306	342000	ND	8.47	ND	8.25	V,S,P,M
09/23/1999	FMETL	4.43	246	26600	296	215000	ND	8.86	5.89	7.57	V,S,P,M
12/28/1999	FMETL	ND	1480	26900	90.9	19300	ND	12.0	15.9	7.99	V,S,P,M
03/15/2000	FMETL	2.91	396	21000	236	93700	ND	7.34	ND	7.64	V,S,P,M
06/05/2000	FMETL	ND	447	11600	58.9	15000	ND	8.33	4.59	7.86	V,S,P,M
09/06/2000	FMETL	3.03	369	17200	284	132000	ND	ND	17.2	7.53	V,S,P,M
12/13/2000	FMETL	1.75	1350	29600	262	152000	ND	15.1	10.2	8.18	V,S,P,M
03/20/2001	FMETL	1.34	4460	34400	206	109000	10.0	38.1	15.0	7.78	V,S,P,M
06/08/2001	FMETL	ND	217	1790	84.4	6050	ND	2.14	2.71	7.88	V,S,P,M
09/24/2001	FMETL	ND	103	10900	237	32400	ND	1.92	ND	7.91	V,S,P,M
12/17/2001	FMETL	1.03	ND	19700	408	93700	ND	ND	3.52	8.16	V,S,P,M
03/21/2002	FMETL	ND	454	981	15.6	4880	2.78	2.74	1.55	6.47	V,S,P,M
06/11/2002	FMETL	ND	207	2870	125	4840	ND	2.44	ND	7.68	V,S,P,M
09/23/2002	FMETL	ND	118	16200	812	14600	2.51	1.68	3.14	9.70	V,S,P,M
12/10/2002	FMETL	ND	49.3	4940	235	18500	ND	1.16	ND	8.31	V,S,P,M
03/21/2003	FMETL	ND	311	12700	31.1	4850	4.99	1.80	4.52	6.51	V,S,P,M
05/30/2003	FMETL	ND	237	3960	89.5	2280	3.14	2.01	5.74	6.45	V,S,P,M

SOURCE: 00M8MW14

Sampling Dates:
06/24/1997 - 05/30/2003

NOTES:

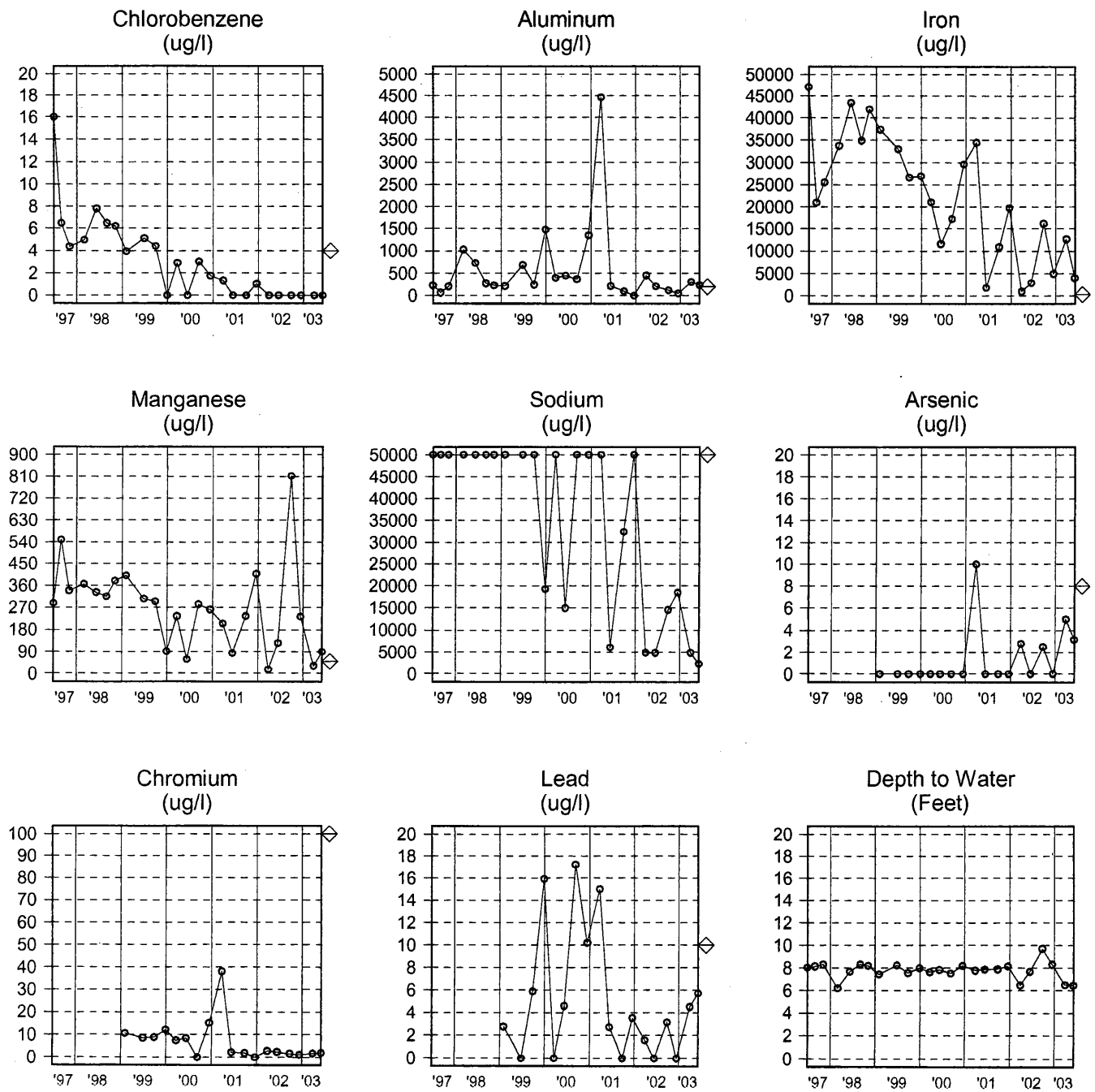
FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 3 of 14

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 00M8MW14

Sampling Dates:
06/24/1997 - 05/30/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 3 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

08-07-2003 X:\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	4	200	300	50	50000	8	100	10	-	-
06/24/1997	FMETL	13.7	136	9670	239	200400	-	-	-	6.50	V,S,P,M
08/25/1997	FMETL	9.30	57.7	14870	348	224700	-	-	-	6.00	V,S,P,M
10/31/1997	FMETL	6.44	515	7332	267	147500	-	-	-	6.80	V,S,P,M
02/25/1998	FMETL	ND	777	15210	508	84840	-	-	-	3.50	V,S,P,M
06/04/1998	FMETL	12.09	318	15770	364	116500	-	-	-	4.76	V,S,P,M
08/28/1998	FMETL	17.78	194	9240	247	314000	-	-	-	5.67	V,S,P,M
11/04/1998	FMETL	29.43	140	8740	357	326000	-	-	-	5.78	V,S,P,M
01/27/1999	FMETL	ND	341	3150	106	46400	ND	8.25	2.79	3.86	V,S,P,M
06/22/1999	FMETL	16.16	258	14700	252	266000	4.69	7.46	ND	5.69	V,S,P,M
09/23/1999	FMETL	2.91	23.1	2950	73.4	120000	3.10	6.64	3.38	5.23	V,S,P,M
12/28/1999	FMETL	5.17	101	7800	123	68900	ND	5.74	2.58	5.28	V,S,P,M
03/15/2000	FMETL	ND	1670	6090	76.7	72700	3.21	17.6	7.19	4.68	V,S,P,M
06/05/2000	FMETL	ND	932	4360	136	67100	ND	13.7	4.11	6.21	V,S,P,M
09/06/2000	FMETL	6.63	528	6610	211	144000	2.37	ND	ND	5.12	V,S,P,M
12/13/2000	FMETL	35.03	571	21600	345	228000	ND	9.00	ND	5.87	V,S,P,M
03/20/2001	FMETL	12.4	350	14300	313	156000	13.0	10.3	ND	4.56	V,S,P,M
06/08/2001	FMETL	4.14	321	2430	71.2	104000	ND	3.72	4.36	5.62	V,S,P,M
12/17/2001	FMETL	5.93	ND	12900	250	833000	2.76	2.27	5.93	5.98	V,S,P,M
03/21/2002	FMETL	ND	5500	15100	46.3	96500	11.5	40.6	16.0	4.22	V,S,P,M
06/11/2002	FMETL	2.15	4910	20500	81.9	113000	5.91	41.8	14.3	5.55	V,S,P,M
09/25/2002	FMETL	25.81	89.5	8130	157	167000	10.4	2.63	1.71	5.45	V,S,P,M
12/13/2002	FMETL	ND	171	4240	39.2	37600	ND	1.89	ND	6.06	V,S,P,M
03/21/2003	FMETL	ND	158	2390	54.2	39200	ND	2.15	2.56	3.77	V,S,P,M
05/30/2003	FMETL	ND	275	1020	120	64200	ND	3.22	2.03	4.74	V,S,P,M

SOURCE: 00M8MW15

Sampling Dates:
06/24/1997 - 05/30/2003

NOTES:

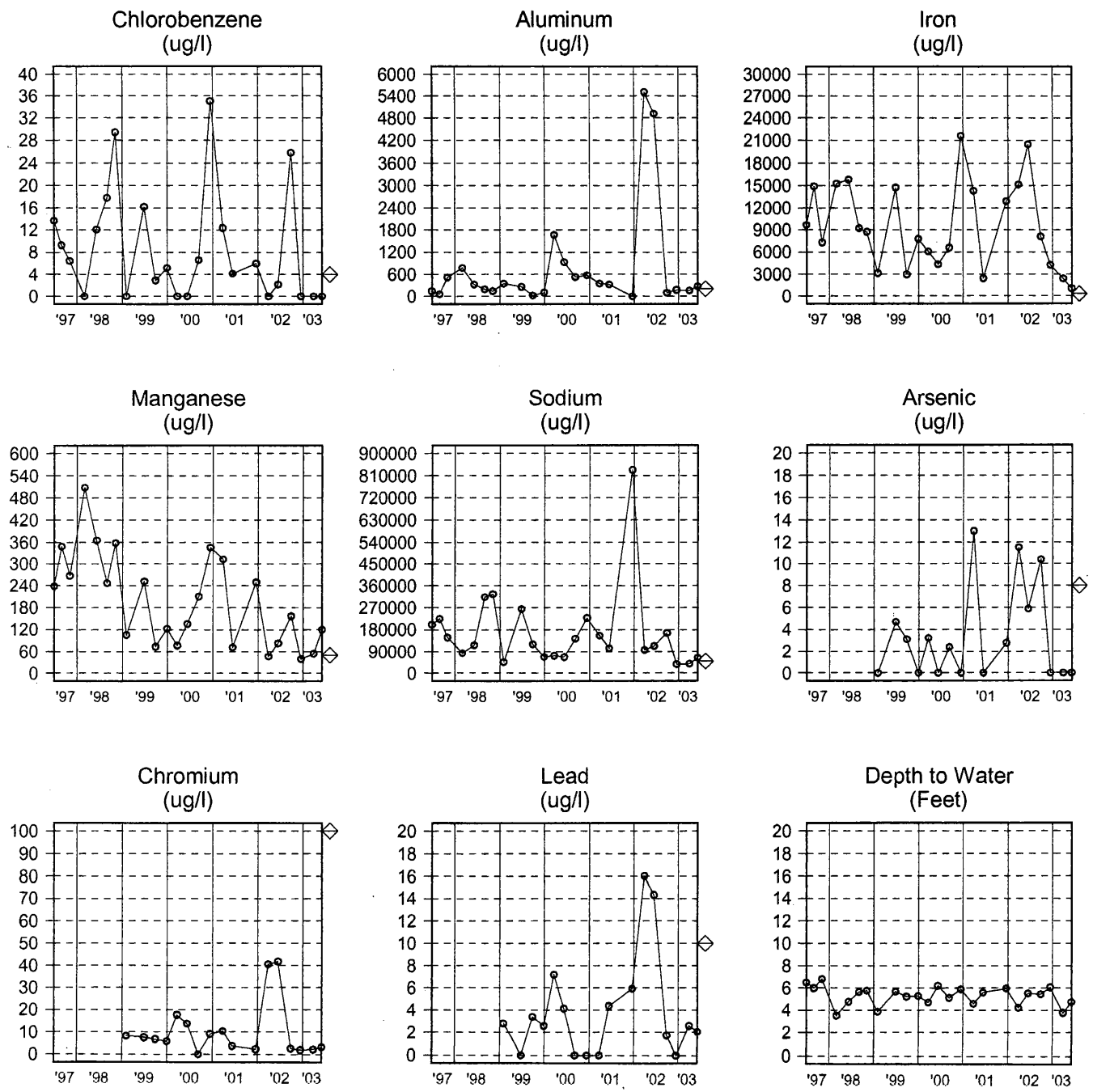
FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 4 of 14

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 00M8MW15

Sampling Dates:
06/24/1997 - 05/30/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 4 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

08-07-2003 X:\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Aluminum	Iron	Manganese	Sodium	Arsenic	Lead	Mercury	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	4	200	300	50	50000	8	10	2	-	-
09/23/1998	FMETL	1.16	20200	86100	1420	3860000	36	256	11.4	8.93	V,S,P,M
10/20/1998	FMETL	ND	200	30200	838	2710000	3.51	12.2	1.02	8.55	V,S,P,M
01/27/1999	FMETL	1.12	1230	20800	611	933000	3.73	6.01	0.5	8.67	V,S,P,M
06/22/1999	FMETL	18.38	1480	50800	1290	191000	3.80	3.41	0.6	8.52	V,S,P,M
09/23/1999	FMETL	1.74	20500	26000	1710	188000	5.68	20.0	3.1	8.23	V,S,P,M
12/28/1999	FMETL	ND	29800	49600	945	127000	7.71	45.2	4.11	8.74	V,S,P,M
03/15/2000	FMETL	ND	4970	29300	449	27600	3.61	4.77	1.0	8.03	V,S,P,M
06/05/2000	FMETL	ND	4400	28500	573	146000	5.34	11.7	0.95	8.06	V,S,P,M
09/06/2000	FMETL	14.92	10500	58800	1770	437000	11.1	39.5	2.37	8.27	V,S,P,M
12/13/2000	FMETL	ND	3330	21800	308	92000	7.43	18.3	1.43	8.73	V,S,P,M
03/20/2001	FMETL	ND	7670	44700	144	24100	14.0	15.0	1.36	8.25	V,S,P,M
06/08/2001	FMETL	1.02	1490	40800	926	107000	4	12.2	0.74	8.43	V,S,P,M
09/24/2001	FMETL	2.55	5440	56800	1140	606000	3.88	22.6	1.43	8.71	V,S,P,M
12/17/2001	FMETL	ND	7700	78700	932	864000	11.1	218	2.60	8.73	V,S,P,M
03/21/2002	FMETL	ND	2340	24200	802	234000	5.01	5.11	0.54	7.58	V,S,P,M
06/11/2002	FMETL	ND	11400	33400	477	113000	6.76	30.5	2.47	8.24	V,S,P,M
09/25/2002	FMETL	8.72	8260	34000	1920	300000	12.9	15.0	1.80	8.41	V,S,P,M
12/13/2002	FMETL	2.02	1440	7560	738	119000	ND	ND	0.98	5.31	V,S,P,M
03/21/2003	FMETL	6.49	4460	61000	754	101000	ND	11.2	ND	7.73	V,S,P,M
05/30/2003	FMETL	ND	4610	6730	177	5610	ND	18.2	0.29	7.75	V,S,P,M

SOURCE: 00M8MW16

Sampling Dates:
09/23/1998 - 05/30/2003

NOTES:

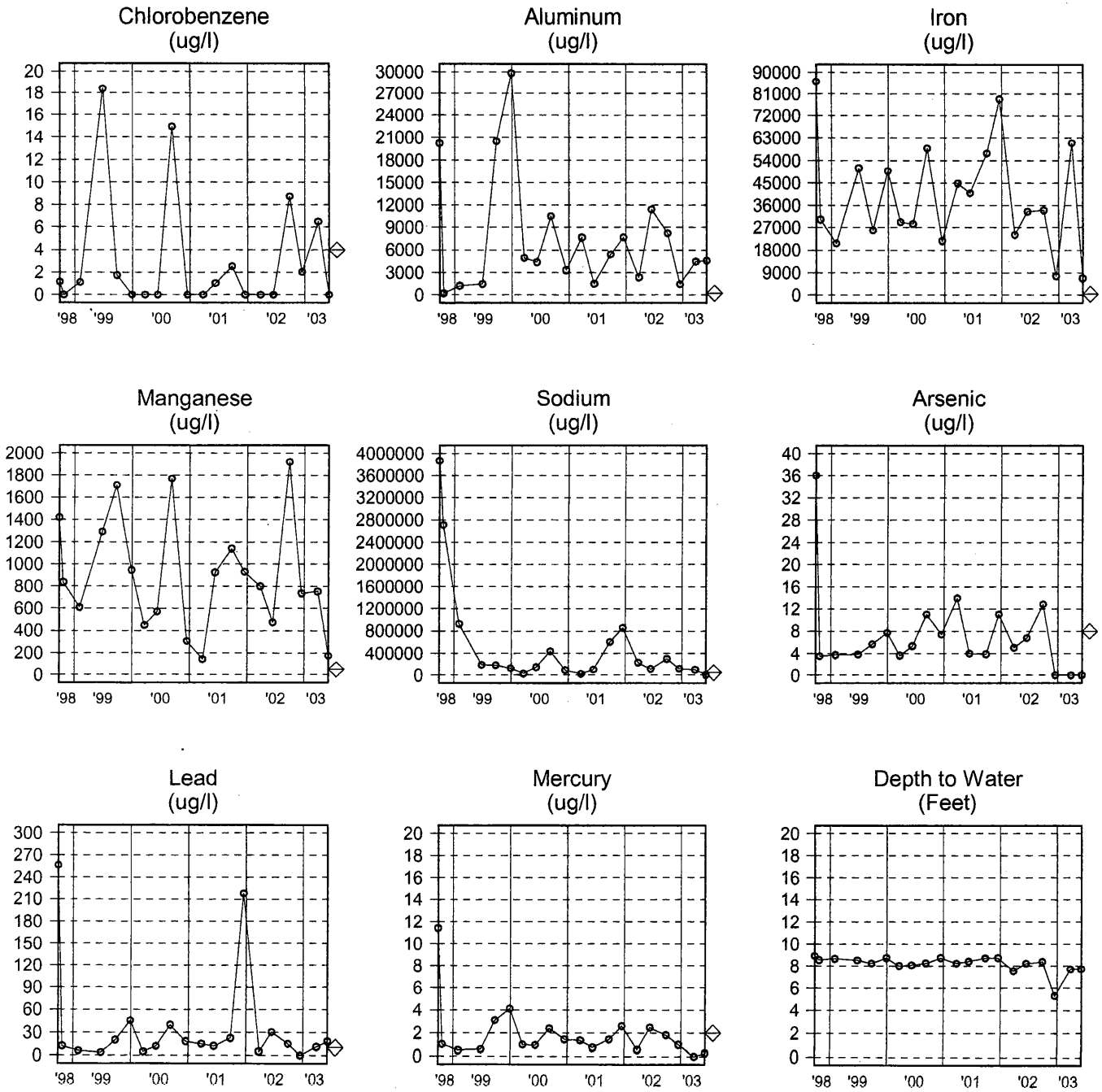
FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 6 of 14

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 00M8MW16

Sampling Dates:
09/23/1998 - 05/30/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 6 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

08-07-2003 X:\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	4	200	300	50	50000	8	100	10	-	-
09/23/1998	FMETL	2.82	8040	41900	543	2120000	19	74.7	61	7.08	V,S,P,M
10/20/1998	FMETL	6.61	3650	25600	452	796000	ND	26.6	26.4	7.02	V,S,P,M
01/27/1999	FMETL	ND	1860	15100	111	66600	2.47	18.7	10.2	6.16	V,S,P,M
06/22/1999	FMETL	5.59	2930	16300	408	267000	6.83	26.9	17.7	6.91	V,S,P,M
09/23/1999	FMETL	ND	1100	28600	694	247000	6.26	15.7	9.48	6.35	V,S,P,M
12/28/1999	FMETL	5.98	6430	41500	55800	157000	6.65	64.5	42.2	6.53	V,S,P,M
03/15/2000	FMETL	ND	115	18600	621	34600	ND	4.23	3.14	6.29	V,S,P,M
06/05/2000	FMETL	3.96	977	15500	673	78600	13.4	22.9	19.7	8.09	V,S,P,M
09/06/2000	FMETL	2.97	3230	44600	787	82100	22.7	17.5	16.8	6.36	V,S,P,M
12/13/2000	FMETL	2.06	3660	48300	540	82400	25.0	41.0	67.2	6.69	V,S,P,M
03/20/2001	FMETL	2.53	ND	14500	608	56400	14.0	8.3	ND	6.15	V,M,S,P
06/08/2001	FMETL	1.94	163	12700	557	44800	10.1	3.19	7.60	6.56	V,S,P,M
09/24/2001	FMETL	4.16	616	12600	530	914000	5.11	11.6	6.60	6.74	V,S,P,M
12/17/2001	FMETL	4.15	862	16100	498	2320000	8.99	14.0	13.3	7.00	V,S,P,M
03/21/2002	FMETL	4.09	1890	14500	464	236000	9.63	15.8	9.67	6.55	V,S,P,M
06/11/2002	FMETL	6.08	279	15100	597	129000	6.35	4.37	3.88	6.55	V,S,P,M
09/25/2002	FMETL	5.52	491	19100	705	179000	9.58	4.64	4.64	6.32	V,S,P,M
12/13/2002	FMETL	ND	26.1	5450	85.2	12700	3.18	ND	ND	4.61	V,S,P,M
03/21/2003	FMETL	ND	155	8010	59.7	13900	8.56	1.17	3.79	5.70	V,S,P,M
05/30/2003	FMETL	ND	249	5240	84.3	25800	4.67	1.86	2.10	5.95	V,S,P,M

SOURCE: 00M8MW17

Sampling Dates:
09/23/1998 - 05/30/2003

NOTES:

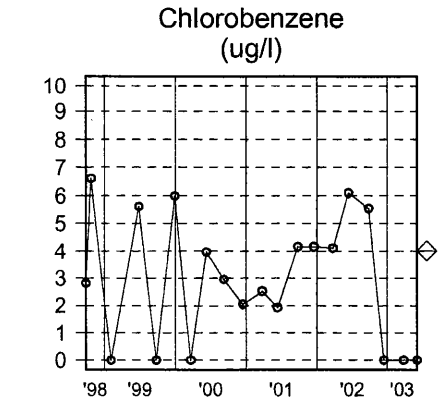
FORT MONMOUTH

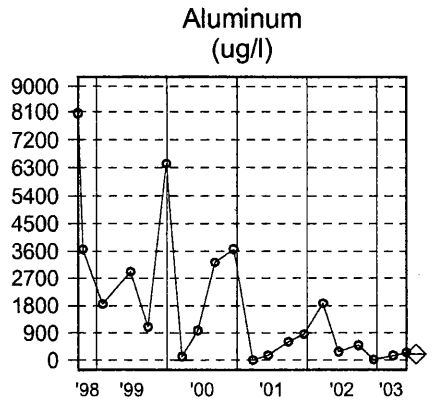
GW MONITORING
M-8 Bldg 697

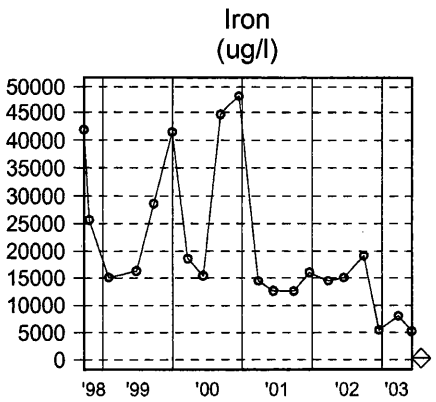
Source 7 of 14

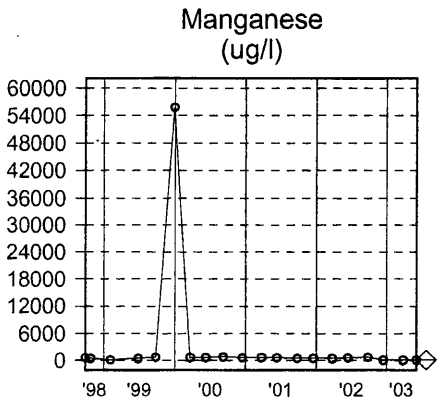
Silver in blank > Criteria, sample date 6/97.

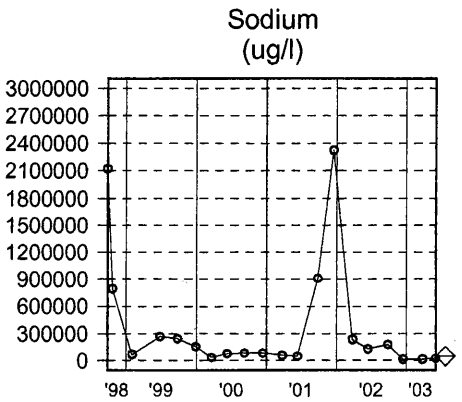
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

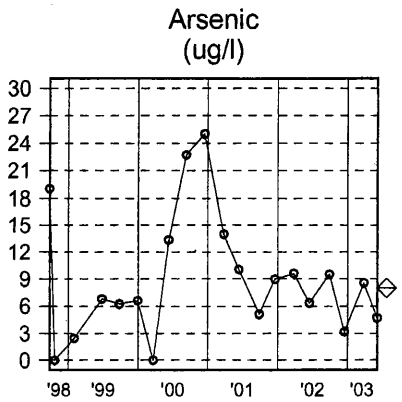


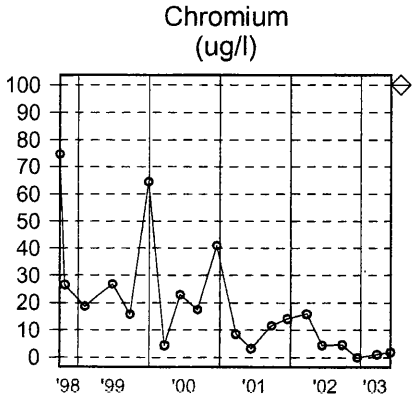


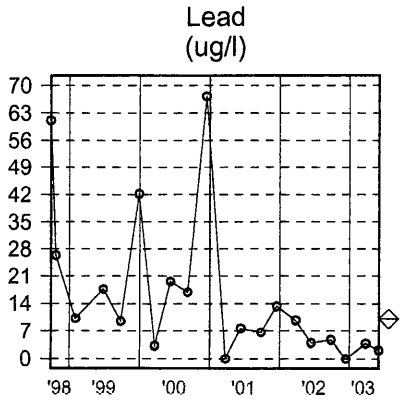


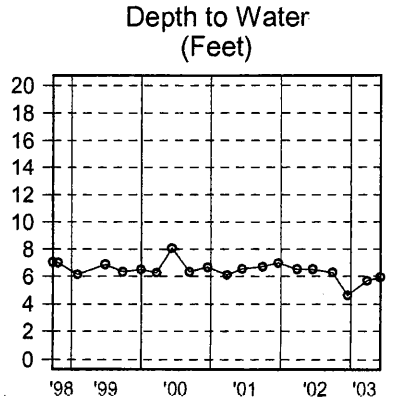












SOURCE: 00M8MW17

Sampling Dates:
09/23/1998 - 05/30/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 7 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

08-07-2003 X:\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	4	200	300	50	50000	8	100	10	-	-
09/30/1998	FMETL	16.43	378	10100	532	1260000	ND	6.5	4	7.30	V,S,P,M
10/20/1998	FMETL	14.6	1050	8510	452	1430000	ND	11.4	15.6	7.22	V,S,P,M
01/27/1999	FMETL	17.64	190	10300	570	724000	ND	15.1	4.96	6.83	V,S,P,M
06/22/1999	FMETL	18.38	216	12000	531	466000	ND	9.23	3.38	7.42	V,S,P,M
09/23/1999	FMETL	14.35	244	2900	397	910000	ND	13.4	6.38	6.93	V,S,P,M
12/28/1999	FMETL	10.42	300	5840	456	541000	ND	12.4	6.79	7.08	V,S,P,M
03/15/2000	FMETL	12.56	333	16400	645	181000	ND	12.3	ND	6.94	V,S,P,M
06/05/2000	FMETL	8.00	184	4420	483	460000	4.00	27.8	73.3	6.08	V,S,P,M
09/06/2000	FMETL	18.69	60.3	24000	544	300000	ND	ND	ND	7.06	V,S,P,M
12/13/2000	FMETL	18.69	188	23700	599	425000	ND	15.5	35.2	6.96	V,S,P,M
03/20/2001	FMETL	14.32	120	31700	661	244000	7.00	11.8	ND	6.72	V,S,P,M
06/08/2001	FMETL	16.11	ND	20700	752	253000	ND	3.22	4.10	6.76	V,S,P,M
09/24/2001	FMETL	16.33	ND	6760	656	1010000	ND	9.41	ND	6.93	V,S,P,M
12/17/2001	FMETL	9.56	ND	5370	622	1880000	ND	4.20	11.3	6.69	V,S,P,M
03/21/2002	FMETL	12.61	376	38800	523	625000	4.60	4.02	9.12	6.55	V,S,P,M
06/11/2002	FMETL	12.33	282	29500	521	685000	ND	4.27	11.4	6.69	V,S,P,M
09/23/2002	FMETL	9.86	246	18700	473	565000	ND	4.62	6.71	6.68	V,S,P,M
12/10/2002	FMETL	4.51	139	12000	351	243000	ND	2.17	16.4	6.20	V,S,P,M
03/21/2003	FMETL	5.44	184	2730	315	196000	ND	1.31	7.62	6.16	V,S,P,M
05/30/2003	FMETL	6.07	1090	11200	311	262000	ND	7.40	29.6	6.00	V,S,P,M

SOURCE: 00M8MW18

Sampling Dates:
09/30/1998 - 05/30/2003

NOTES:

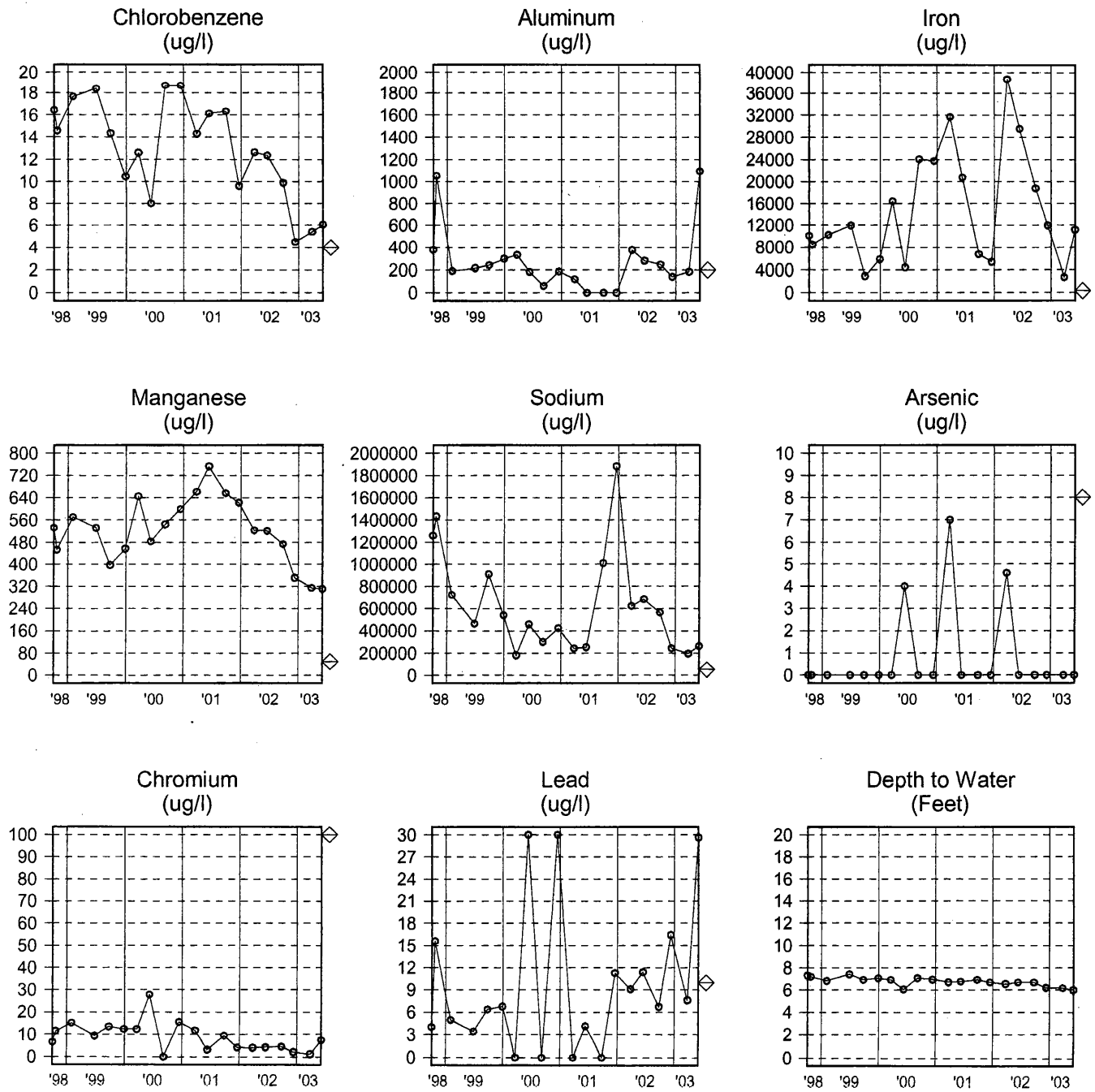
FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 8 of 14

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 00M8MW18

Sampling Dates:
09/30/1998 - 05/30/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 8 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

08-07-2003 X:\MtechData\M-8\M8.WSF

	Lab	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	200	300	50	50000	8	100	10	-		-
09/30/1998	FMETL	1170	20100	92.1	278000	5	8.1	2	7.19		V,S,P,M
10/20/1998	FMETL	5100	38600	104	252000	7.09	35	18	8.59		V,S,P,M
01/27/1999	FMETL	2100	14800	98.3	68800	3.17	17.3	8.5	8.03		V,S,P,M
06/22/1999	FMETL	162	20200	95.3	278000	ND	5.05	ND	8.47		V,S,P,M
09/23/1999	FMETL	103	17400	234	183000	ND	6.00	2.84	8.38		V,S,P,M
12/28/1999	FMETL	456	29900	257	120000	6.78	7.00	6.17	8.48		V,S,P,M
03/15/2000	FMETL	267	10300	102	37400	3.79	3.64	ND	8.33		V,S,P,M
06/05/2000	FMETL	53.5	7540	86.8	94500	ND	8.68	ND	7.08		V,S,P,M
09/06/2000	FMETL	79.5	24400	260	274000	ND	ND	ND	8.28		V,S,P,M
12/13/2000	FMETL	54.4	19100	234	181000	ND	6.66	ND	8.15		V,S,P,M
03/20/2001	FMETL	230	14500	46.2	39800	12.0	4.70	ND	7.75		V,S,P,M
06/08/2001	FMETL	49.1	24200	160	219000	ND	1.91	1.84	8.03		V,S,P,M
09/24/2001	FMETL	25.6	26700	256	312000	ND	2.63	ND	8.34		V,S,P,M
12/17/2001	FMETL	ND	25800	171	421000	ND	3.78	22.5	7.66		V,S,P,M
03/21/2002	FMETL	202	14000	72.3	48100	10.2	1.40	2.60	5.91		V,S,P,M
06/11/2002	FMETL	126	9290	86.0	60100	ND	0.947	ND	7.79		V,S,P,M
09/23/2002	FMETL	110	15400	185	74600	ND	1.47	1.25	7.39		V,S,P,M
12/10/2002	FMETL	49.7	5030	164	95300	ND	0.904	ND	7.10		V,S,P,M
03/21/2003	FMETL	137	3380	14.4	7130	2.60	ND	3.35	5.73		V,S,P,M
05/30/2003	FMETL	262	6350	70.3	49900	ND	2.03	9.00	6.81		V,S,P,M

SOURCE: 00M8MW19

Sampling Dates:
09/30/1998 - 05/30/2003

NOTES:

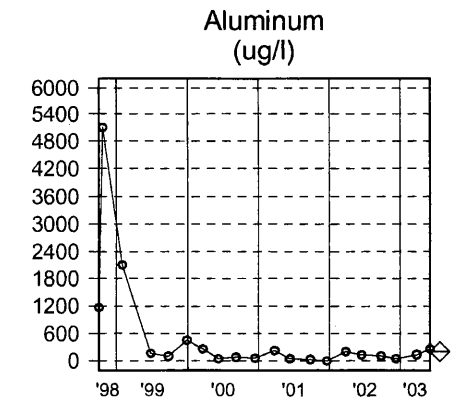
FORT MONMOUTH

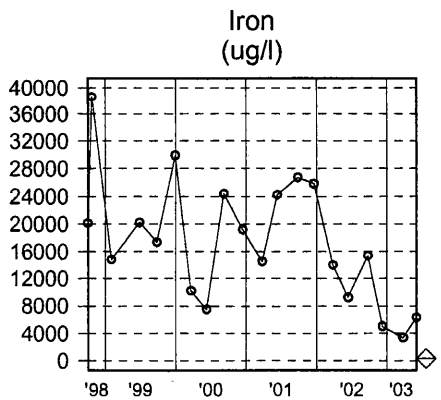
GW MONITORING
M-8 Bldg 697

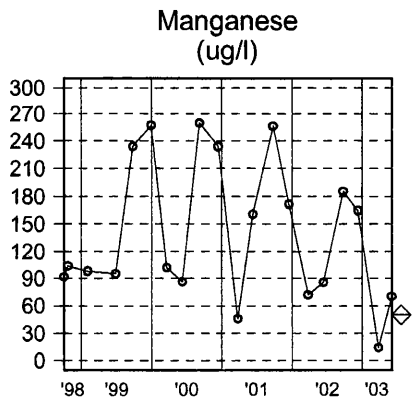
Source 9 of 14

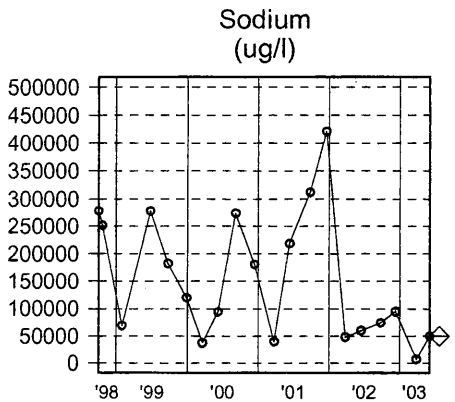
Silver in blank > Criteria, sample date 6/97.

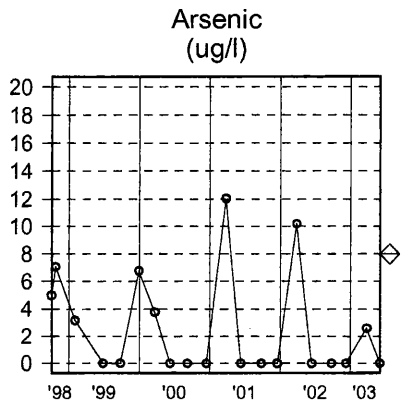
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

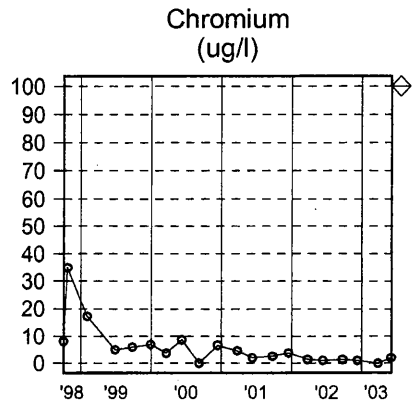


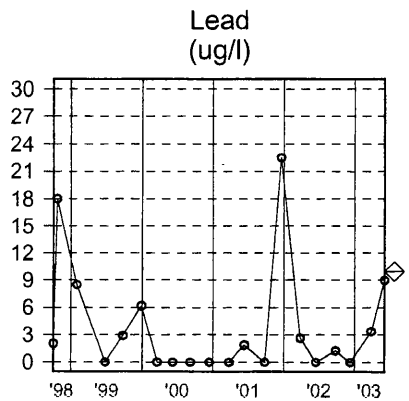


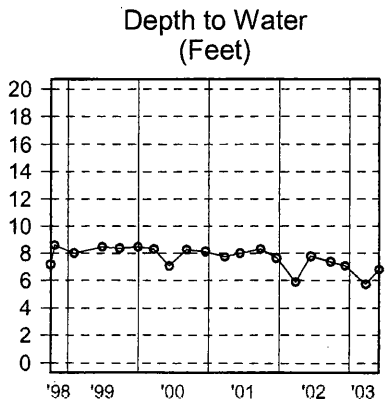












SOURCE: 00M8MW19

Sampling Dates:
09/30/1998 - 05/30/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 9 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

08-07-2003 X:\MtechData\M-8\M8.WSF

	Lab	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	200	300	50	50000	8	100	10	-		-
09/30/1998	FMETL	1560	10100	242	802000	5	18	ND	8.36		V,S,P,M
10/21/1998	FMETL	2470	8360	231	595000	2.91	19.2	4.67	8.10		V,S,P,M
01/27/1999	FMETL	3190	28400	189	575000	ND	44.1	11.4	7.30		V,S,P,M
06/22/1999	FMETL	4110	10600	196	587000	ND	32.7	9.90	7.76		V,S,P,M
09/23/1999	FMETL	590	10300	235	990000	ND	26.9	2.97	7.36		V,S,P,M
12/28/1999	FMETL	4520	22200	84.1	412000	2.85	65.0	19.5	7.74		V,S,P,M
03/15/2000	FMETL	418	5770	201	240000	ND	24.4	ND	7.45		V,S,P,M
06/05/2000	FMETL	66.8	2740	15.6	355000	ND	41.2	2.78	6.76		V,S,P,M
09/06/2000	FMETL	678	5280	96.1	668000	2.31	10.7	ND	7.37		V,S,P,M
12/13/2000	FMETL	426	5090	64.3	601000	ND	32.2	ND	8.37		V,S,P,M
03/20/2001	FMETL	260	6280	84.7	436000	11.0	27.1	ND	7.36		V,S,P,M
06/08/2001	FMETL	598	7760	42.4	515000	4.32	33.2	4.74	7.22		V,S,P,M
09/24/2001	FMETL	1570	14400	64.6	707000	ND	55.8	3.35	7.64		V,S,P,M
12/17/2001	FMETL	315	6800	13.2	417000	ND	41.7	1.85	7.12		V,S,P,M
03/21/2002	FMETL	546	4130	21.8	476000	4.50	29.5	ND	6.27		V,S,P,M
06/11/2002	FMETL	158	2870	12.5	379000	ND	30.4	ND	7.03		V,S,P,M
09/23/2002	FMETL	721	8500	56.6	665000	ND	43.8	ND	7.06		V,S,P,M
12/10/2002	FMETL	120	2420	23.1	378000	ND	18.8	ND	6.76		V,S,P,M
03/21/2003	FMETL	135	4590	42.9	352000	ND	12.6	ND	6.60		V,S,P,M
05/30/2003	FMETL	165	3500	10.1	255000	ND	21.9	ND	6.81		V,S,P,M

SOURCE: 00M8MW20

Sampling Dates:
09/30/1998 - 05/30/2003

NOTES:

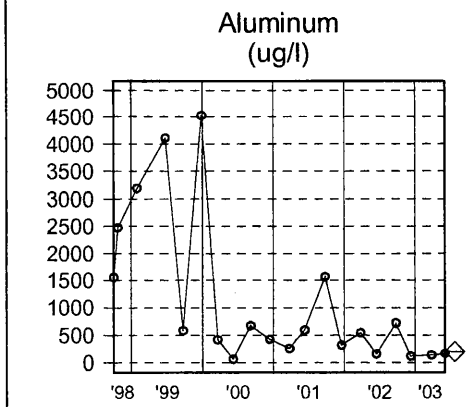
FORT MONMOUTH

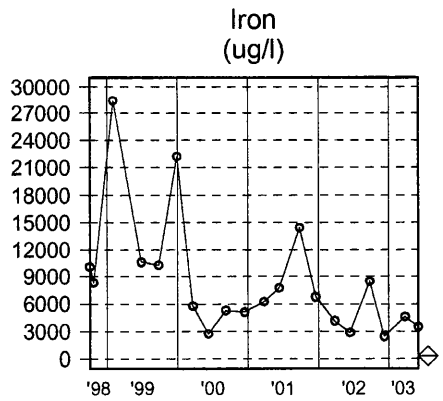
GW MONITORING
M-8 Bldg 697

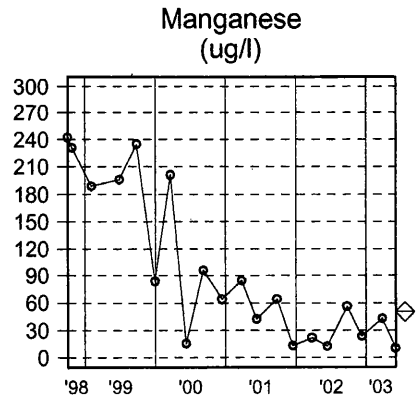
Source 10 of 14

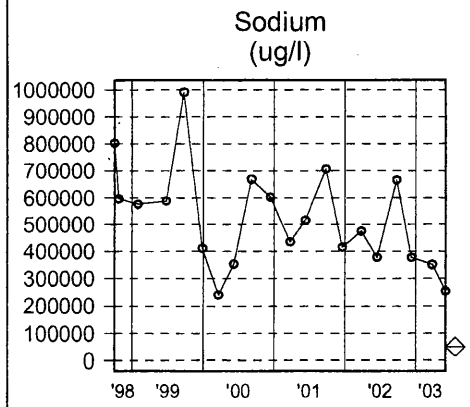
Silver in blank > Criteria, sample date 6/97.

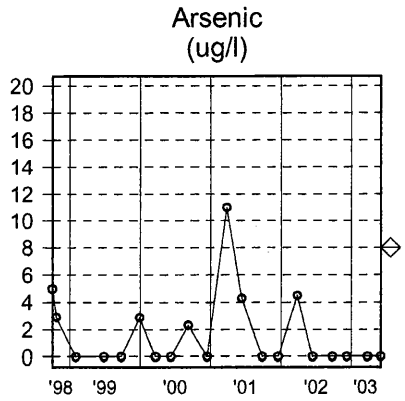
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

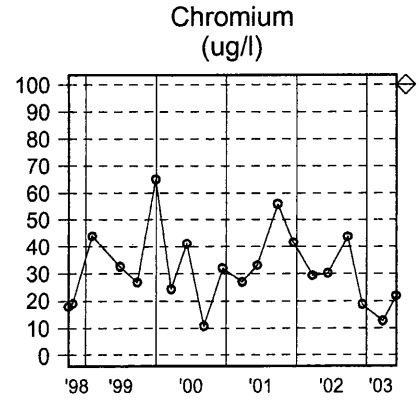


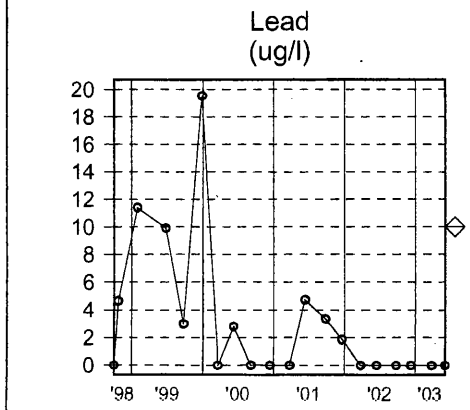


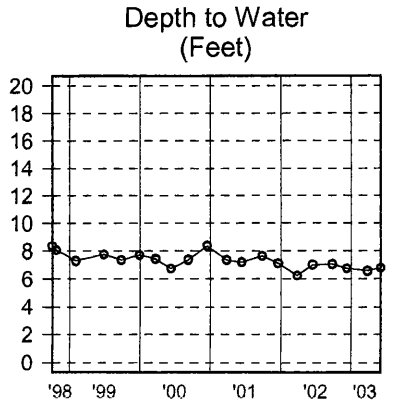












SOURCE: 00M8MW20

Sampling Dates:
09/30/1998 - 05/30/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 10 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

08-07-2003 X:\MtechData\M-8\M8.WSF

	Lab	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	200	300	50	50000	8	100	10	-		-
09/30/1998	FMETL	3040	50800	947	5660000	9.00	13.6	ND	6.78		V,S,P,M
10/21/1998	FMETL	1530	31700	671	4840000	7	14.1	ND	6.87		V,S,P,M
01/27/1999	FMETL	2280	23000	183	1210000	2.27	28.5	5.14	6.19		V,S,P,M
06/22/1999	FMETL	3270	38900	289	2730000	6.17	12.1	ND	6.51		V,S,P,M
09/23/1999	FMETL	1820	23100	385	2750000	3.86	17.1	4.45	6.25		V,S,P,M
12/28/1999	FMETL	2310	8020	98.2	601000	ND	25.5	11.5	6.46		V,S,P,M
03/15/2000	FMETL	2390	12400	59.2	334000	4.49	27.5	3.27	6.36		V,S,P,M
06/05/2000	FMETL	225	3680	83.1	683000	ND	26.6	ND	5.68		V,S,P,M
09/06/2000	FMETL	910	23400	128	1450000	4.03	8.12	8.66	6.30		V,S,P,M
12/13/2000	FMETL	418	17800	138	1340000	ND	19.0	ND	6.67		V,S,P,M
03/20/2001	FMETL	3240	15000	52.4	665000	11.0	27.5	ND	6.19		V,S,P,M
06/08/2001	FMETL	607	14000	184	700000	ND	6.54	4.57	6.37		V,S,P,M
09/24/2001	FMETL	1180	41000	256	2000000	ND	12.0	5.87	6.48		V,S,P,M
12/17/2001	FMETL	703	66800	308	3220000	4.19	7.51	6.92	5.23		V,S,P,M
03/21/2002	FMETL	1190	3240	11.0	161000	ND	5.08	4.01	6.13		V,S,P,M
06/11/2002	FMETL	731	5290	72.0	570000	ND	5.58	1.22	6.04		V,S,P,M
09/23/2002	FMETL	547	25800	132	1730000	ND	7.86	3.06	5.53		V,S,P,M
12/10/2002	FMETL	278	4470	70.2	785000	ND	3.09	ND	5.31		V,S,P,M
03/21/2003	FMETL	869	2600	11.8	314000	ND	2.41	1.50	5.98		V,S,P,M
05/30/2003	FMETL	913	3590	20.2	419000	ND	5.48	1.59	6.21		V,S,P,M

SOURCE: 00M8MW21

Sampling Dates:
09/30/1998 - 05/30/2003

NOTES:

Well installed 9/98.

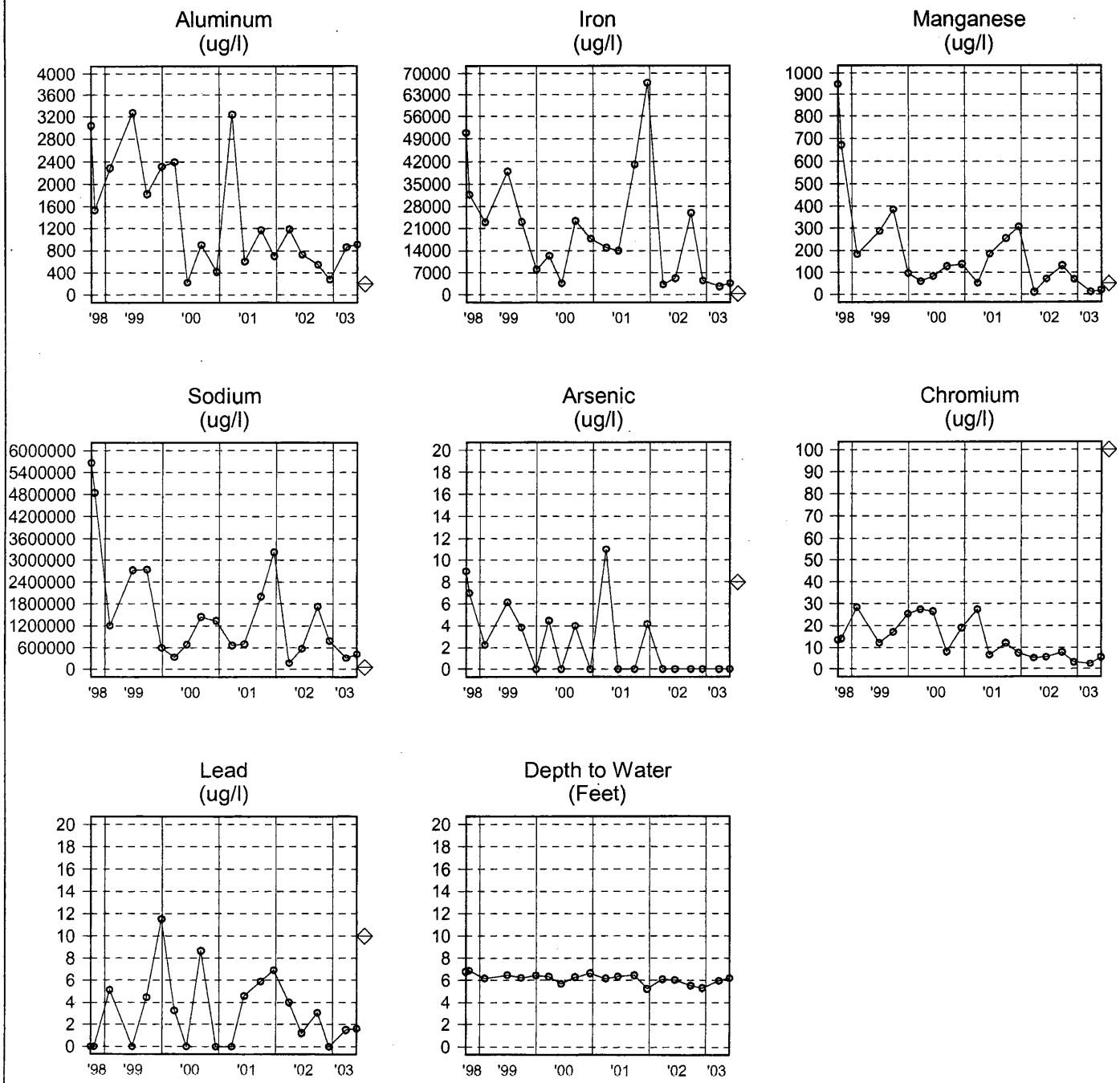
FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 11 of 14

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 00M8MW21

Sampling Dates:
09/30/1998 - 05/30/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 11 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

08-07-2003 X:\MtechData\M-8\M8.WSF

	Lab	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	200	300	50	50000	8	100	10	-		-
09/30/1998	FMETL	2800	87800	1870	4820000	13	25.5	ND	8.11		V,S,P,M
10/21/1998	FMETL	3230	59800	1290	3790000	7.05	28.4	6.8	7.61		V,S,P,M
01/27/1999	FMETL	2370	18900	301	882000	ND	14.8	7.85	6.41		V,S,P,M
06/22/1999	FMETL	2860	20800	726	2740000	ND	8.42	15.5	6.95		V,S,P,M
09/23/1999	FMETL	3860	18400	601	3300000	ND	11.7	70.7	6.29		V,S,P,M
12/28/1999	FMETL	130	128	230	1140000	ND	11.1	4.34	6.37		V,S,P,M
03/15/2000	FMETL	870	4440	366	575000	ND	19.7	12.7	6.50		V,S,P,M
06/05/2000	FMETL	789	324	394	631000	ND	22.7	2.34	6.61		V,S,P,M
09/06/2000	FMETL	1170	2920	302	1030000	ND	ND	10.2	6.47		V,S,P,M
12/13/2000	FMETL	1200	3000	455	1240000	ND	17.5	8.69	6.79		V,S,P,M
03/20/2001	FMETL	1080	3930	272	470000	12.0	10.1	11.0	6.63		V,S,P,M
06/08/2001	FMETL	383	1540	214	452000	3.79	5.45	2.67	6.34		V,S,P,M
09/24/2001	FMETL	4380	15700	1110	2030000	ND	22.7	51.2	6.79		V,S,P,M
09/24/2001D	FMETL	4680	15500	1130	2020000	2.22	23.6	55.4	6.79		V,S,P,M
12/17/2001	FMETL	2490	13000	1440	2360000	ND	6.82	24.9	5.72		V,S,P,M
03/21/2002	FMETL	1450	3760	1340	300000	2.42	2.18	6.62	6.35		V,S,P,M
06/11/2002	FMETL	842	1720	785	439000	ND	2.16	2.23	6.34		V,S,P,M
09/23/2002	FMETL	2580	9870	628	1790000	ND	6.65	11.3	8.04		V,S,P,M
12/10/2002	FMETL	37.8	70200	597	2060000	ND	1.59	1.67	7.77		V,S,P,M
03/21/2003	FMETL	147	2420	420	490000	ND	ND	1.63	6.31		V,S,P,M
05/30/2003	FMETL	237	2060	255	382000	ND	5.50	2.80	6.25		V,S,P,M

SOURCE: 00M8MW22

Sampling Dates:
09/30/1998 - 05/30/2003

NOTES:

Well installed 9/98.

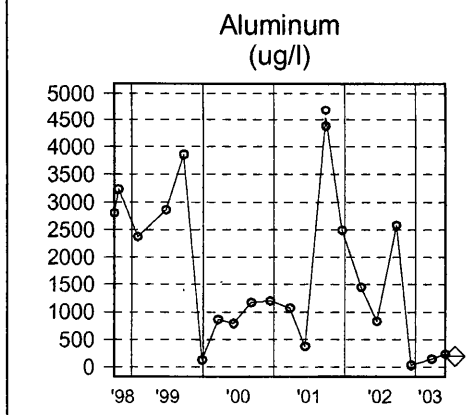
FORT MONMOUTH

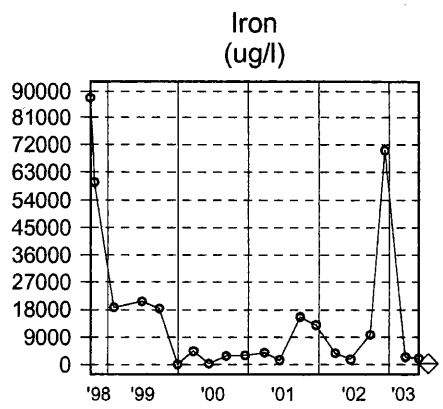
GW MONITORING
M-8 Bldg 697

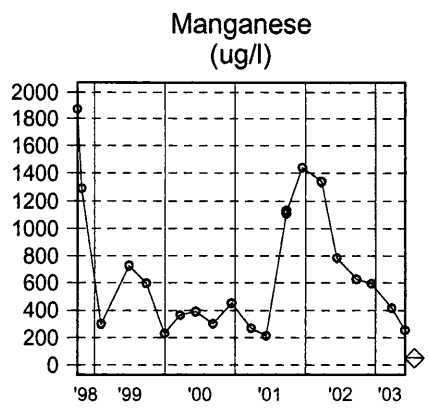
Source 12 of 14

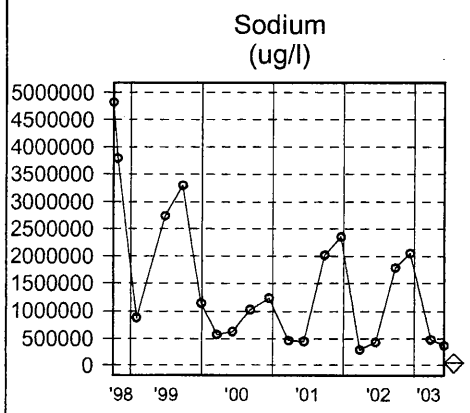
Silver in blank > Criteria, sample date 6/97.

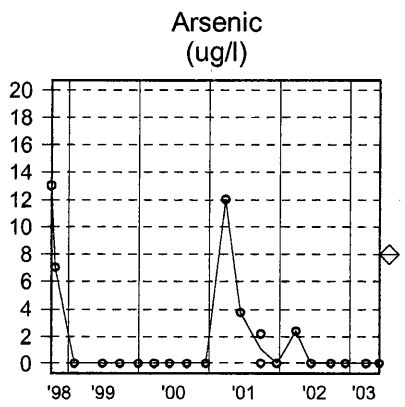
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

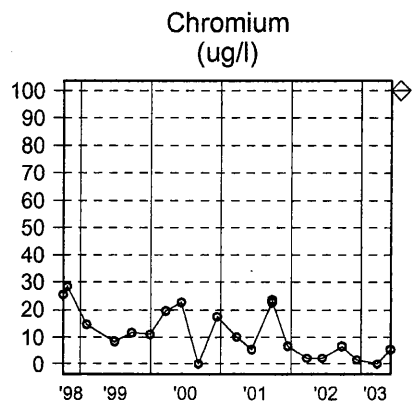


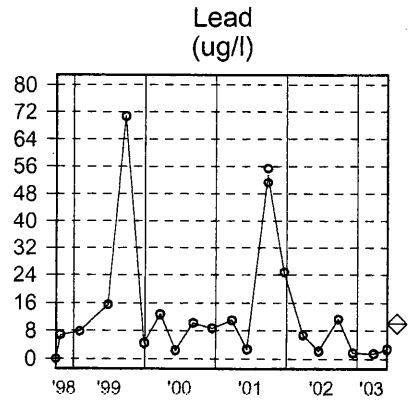


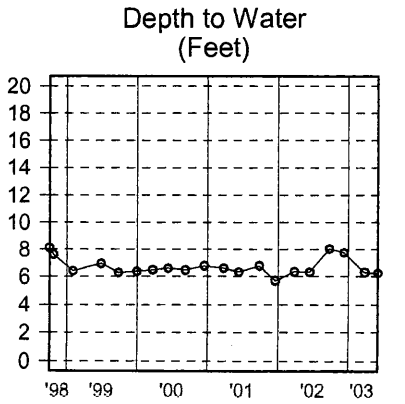












SOURCE: 00M8MW22

Sampling Dates:
09/30/1998 - 05/30/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 12 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

08-07-2003 X:\MtechData\M-8\M8.WSF

	Lab	cis-1,2-Di chloro ethene	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	10	200	300	50	50000	8	100	10	-	-
04/14/1999	FMETL	ND	8440	27700	1720	19200	26.4	58.9	464	8.65	V,S,P,M
04/28/1999	FMETL	2.74	150	1940	787	28200	15.8	4.3	8.1	8.88	V,S,P,M
09/23/1999	FMETL	6.44	27.6	5290	1280	46900	3.47	5.63	5.92	8.85	V,S,P,M
12/28/1999	FMETL	ND	71.6	910	986	28900	ND	4.78	3.82	8.75	V,S,P,M
03/15/2000	FMETL	5.47	63.0	2580	748	30600	2.61	1.74	ND	8.58	V,S,P,M
06/05/2000	FMETL	ND	15.1	203	1800	23000	ND	4.08	3.06	8.81	V,S,P,M
09/06/2000	FMETL	6.81	110	3880	1020	46100	ND	ND	2.79	8.71	V,S,P,M
12/13/2000	FMETL	10.99	ND	5180	739	36600	ND	ND	3.94	9.01	V,S,P,M
03/20/2001	FMETL	3.92	ND	2650	585	20600	12.0	ND	7.00	8.37	V,S,P,M
03/20/2001D	FMETL	3.85	40.0	2930	671	23600	6.00	ND	3.00	8.37	V,S,P,M
06/08/2001	FMETL	8.29	46.6	6260	2280	23300	3.41	ND	12.2	8.85	V,S,P,M
09/24/2001	FMETL	16.42	139	6650	1600	46300	3.87	1.86	13.5	9.15	V,S,P,M
12/17/2001	FMETL	18.47	292	8300	1400	80200	6.74	3.27	33.5	5.23	V,S,P,M
03/21/2002	FMETL	6.85	394	4900	640	41100	4.93	3.03	9.98	8.83	V,S,P,M
06/11/2002	FMETL	15.89	490	12300	2080	27300	ND	2.58	21.9	8.83	V,S,P,M
09/23/2002	FMETL	5.86	62.4	7410	548	25800	2.43	1.14	4.00	8.85	V,S,P,M
12/10/2002	FMETL	5.78	45.8	17100	2190	27700	ND	ND	ND	7.61	V,S,P,M
03/21/2003	FMETL	ND	524	3190	70.2	6130	3.17	3.25	32.4	8.11	V,S,P,M
05/30/2003	FMETL	1.01	500	3370	160	7460	ND	4.39	2.76	8.22	V,S,P,M

SOURCE: 00M8MW23

Sampling Dates:
04/14/1999 - 05/30/2003

NOTES:

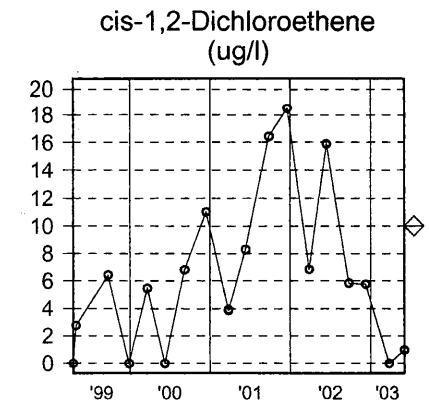
FORT MONMOUTH

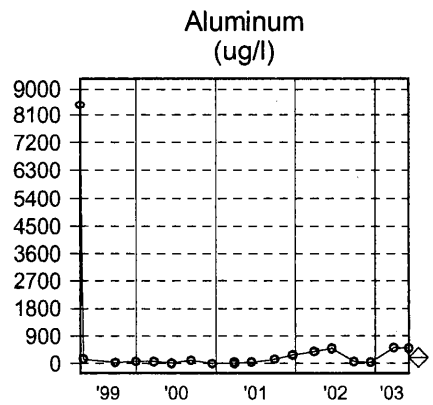
GW MONITORING
M-8 Bldg 697

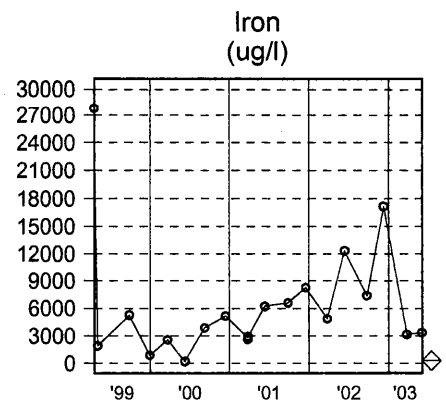
Source 13 of 14

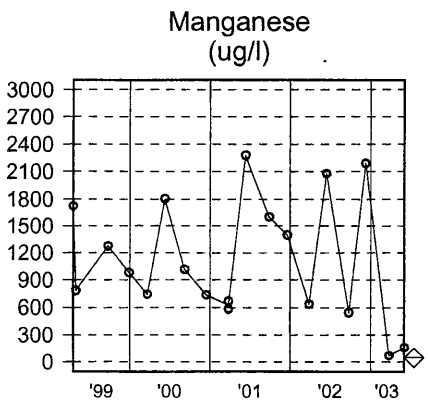
Silver in blank > Criteria, sample date 6/97.

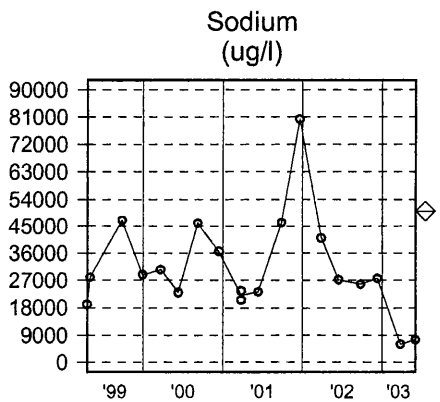
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

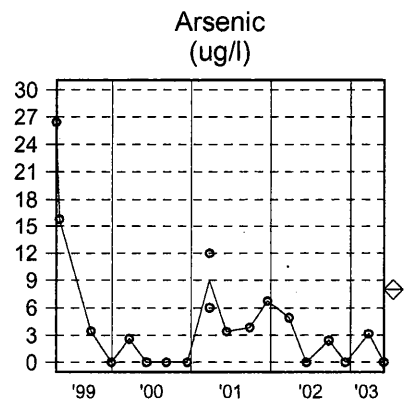


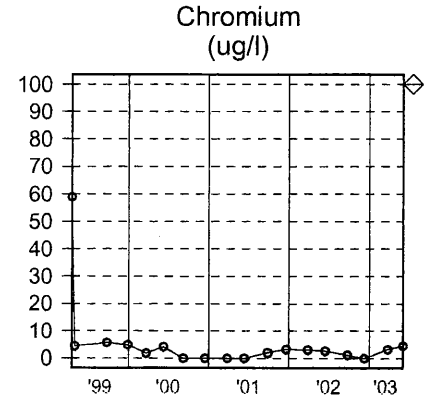


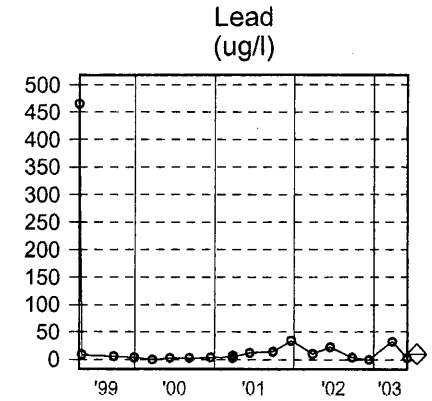


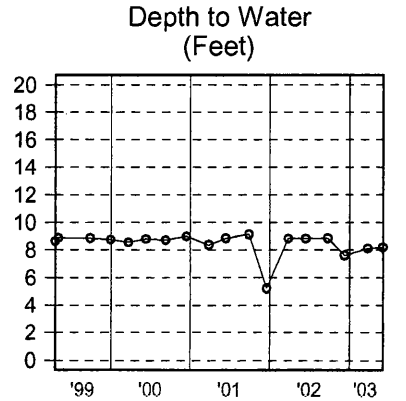












SOURCE: 00M8MW23

Sampling Dates:
04/14/1999 - 05/30/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 13 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

08-07-2003 X:\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	4	200	300	50	50000	8	100	10	-	-
04/14/1999	FMETL	ND	531	13100	885	15400	ND	8.01	50.5	17.96	V,S,P,M
04/28/1999	FMETL	ND	5960	13500	1260	29600	7.16	39.3	385	18.64	V,S,P,M
09/23/1999	FMETL	1.01	327	36600	1500	59600	3.77	8.75	27.1	18.22	V,S,P,M
03/15/2000	FMETL	1.99	124	7840	110	21400	ND	2.75	ND	19.20	V,S,P,M
03/15/2000D	FMETL	1.68	127	7880	105	20500	ND	ND	ND	19.20	V,S,P,M
06/05/2000	FMETL	2.74	ND	7150	103	24000	ND	3.93	5.61	19.46	V,S,P,M
09/06/2000	FMETL	2.91	56.9	7450	78.6	26800	ND	ND	ND	19.00	V,S,P,M
12/26/2000	FMETL	1.37	23.2	3130	42.6	10100	ND	ND	ND	20.35	V,S,P,M
03/31/2001	FMETL	39.77	ND	30600	461	92800	ND	ND	25.0	18.22	V,S,P,M
03/31/2001D	FMETL	38.86	ND	30100	468	ND	ND	ND	19.0	18.22	V,S,P,M
06/23/2001	FMETL	1.70	ND	11300	87.6	32000	ND	ND	ND	18.92	V,S,P,M
06/23/2001D	FMETL	1.64	ND	10500	83.4	29600	4.95	ND	ND	18.92	V,S,P,M
09/24/2001	FMETL	2.80	ND	22200	179	57500	ND	0.844	4.76	9.76	V,S,P,M
12/10/2001	FMETL	1.94	ND	12700	93.1	34500	ND	3.49	2.37	19.71	V,S,P,M
03/27/2002	FMETL	ND	ND	6080	55.9	21500	4.17	ND	ND	17.61	V,S,P,M
06/22/2002	FMETL	1.78	ND	8000	66.0	24400	ND	ND	ND	17.91	V,S,P,M
09/26/2002	FMETL	2.51	ND	13900	90.5	45500	3.49	ND	ND	19.50	V,S,P,M
12/13/2002	FMETL	1.42	18.9	7989	56.1	23300	ND	ND	ND	19.09	V,S,P,M
03/20/2003	FMETL	5.00	44.6	10400	88.8	42100	ND	ND	ND	19.06	V,S,P,M
06/25/2003	FMETL	3.02	74.7	12200	87.2	44700	ND	1.35	1.36	15.23	V,S,P,M

SOURCE: 00M8MW24

Sampling Dates:
04/14/1999 - 06/25/2003

NOTES:

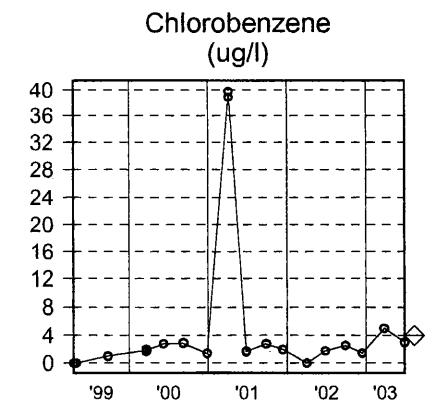
FORT MONMOUTH

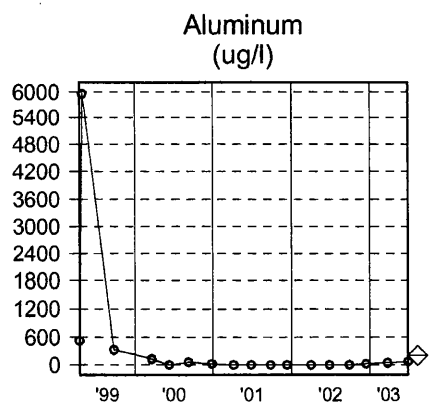
GW MONITORING
M-8 Bldg 697

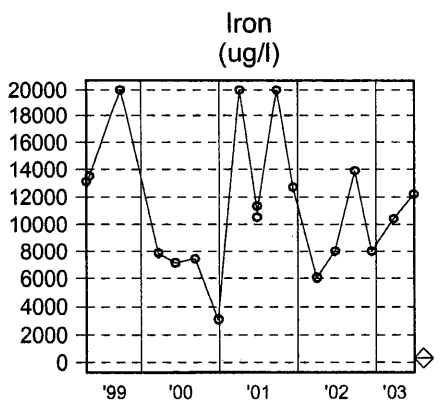
Source 14 of 14

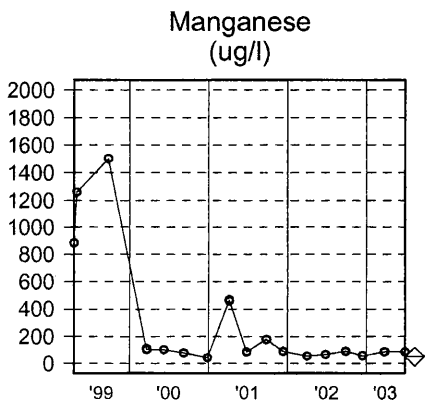
Silver in blank > Criteria, sample date 6/97.

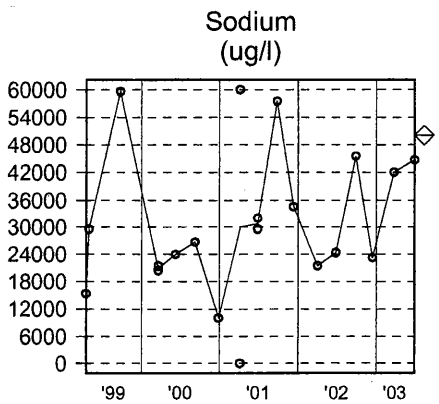
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

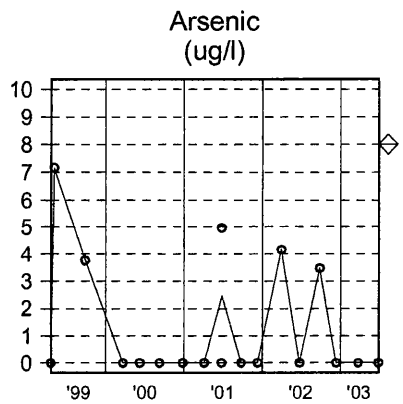


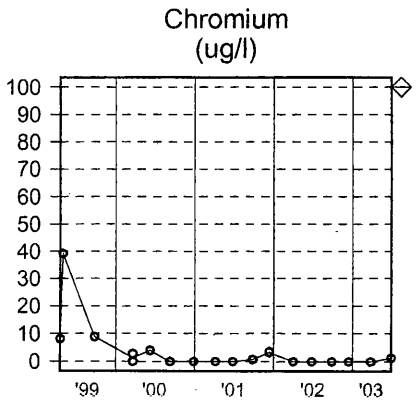


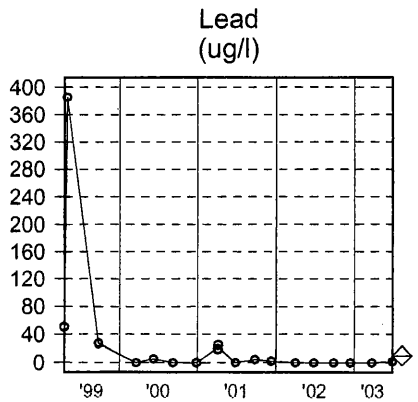


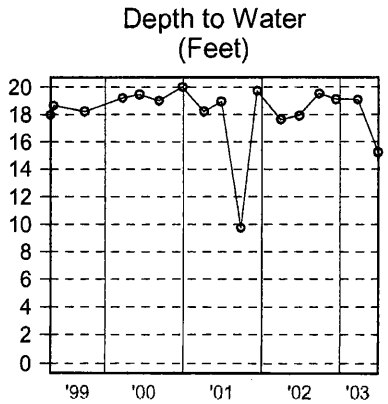












SOURCE: 00M8MW24

Sampling Dates:
04/14/1999 - 06/25/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 14 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

08-07-2003 X:\MtechData\M-8\M8.WSF

	Lab	Aluminum	Iron	Manganese	Sodium	Chromium	Lead	Depth to Water			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet			-
NJDEP Criteria:	-	200	300	50	50000	100	10	-			-
08/27/1997	FMETL	340	10520	59	22850	-	-	13.15			V,S,P,M
10/29/1997	FMETL	99	2331	24	20150	-	-	13.35			V,S,P,M
02/26/1998	FMETL	418	1617	23.1	18570	-	-	11.26			V,S,P,M
06/04/1998	FMETL	63	1666	16.5	15120	-	-	12.12			V,S,P,M
08/28/1998	FMETL	218	2360	11	15200	-	-	13.54			V,S,P,M
11/04/1998	FMETL	52	825	11.8	19300	-	-	14.09			V,S,P,M
01/27/1999	FMETL	ND	310	20.8	17400	1.34	ND	12.27			V,S,P,M
06/22/1999	FMETL	ND	278	9.50	15900	ND	ND	13.23			V,S,P,M
09/23/1999	FMETL	ND	903	14.0	16400	1.94	6.18	12.88			V,S,P,M
12/28/1999	FMETL	ND	894	3690	17700	1.06	ND	12.55			V,S,P,M
03/15/2000	FMETL	33.3	589	25.2	13500	ND	ND	12.27			V,S,P,M
06/05/2000	FMETL	ND	1050	19.2	18500	2.31	5.34	12.72			V,S,P,M
09/06/2000	FMETL	35.8	1640	22.0	23300	ND	ND	12.49			V,S,P,M
12/13/2000	FMETL	ND	970	20.9	26800	ND	ND	13.00			V,S,P,M
03/20/2001	FMETL	140	1690	20.4	24200	2.20	1.00	12.13			V,S,P,M
06/08/2001	FMETL	17.6	102	23.3	19600	ND	ND	8.62			V,S,P,M
09/24/2001	FMETL	191	2030	57.3	49100	3.17	ND	13.47			V,S,P,M
12/17/2001	FMETL	609	7360	43.1	35800	9.50	9.98	14.10			V,S,P,M
03/21/2002	FMETL	49.0	1410	22.0	26200	0.720	ND	13.11			V,S,P,M
06/11/2002	FMETL	79.1	5310	20.9	27200	0.743	ND	12.83			V,S,P,M
09/23/2002	FMETL	103	2150	15.3	15900	1.57	ND	13.80			V,S,P,M
12/13/2002	FMETL	36.8	1060	45.9	40600	ND	ND	11.17			V,S,P,M
03/21/2003	FMETL	292	8220	23.9	30100	3.40	1.49	11.80			V,S,P,M
05/30/2003	FMETL	381	7090	17.7	33100	4.66	0.921	12.05			V,S,P,M

SOURCE: 0697MW01

Sampling Dates:
08/27/1997 - 05/30/2003

NOTES:

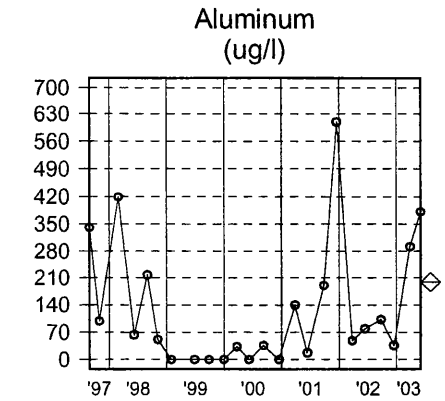
FORT MONMOUTH

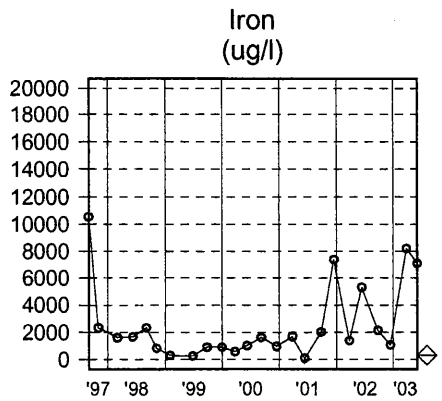
GW MONITORING
M-8 Bldg 697

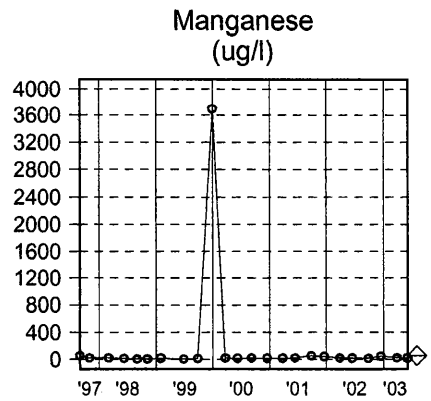
Source 5 of 14

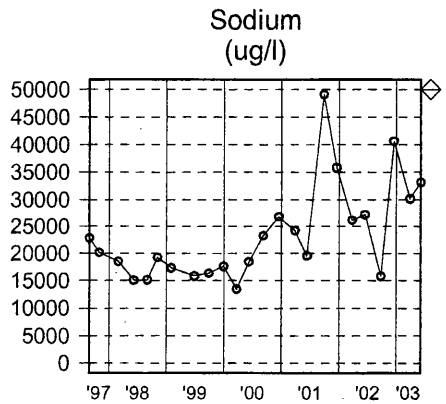
Silver in blank > Criteria, sample date 6/97.

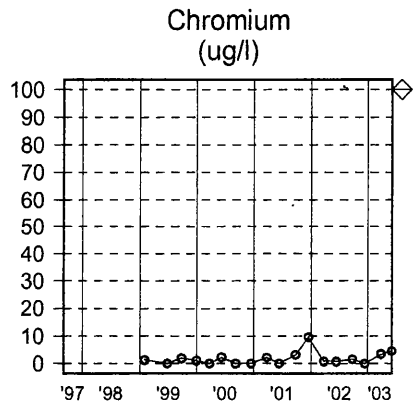
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

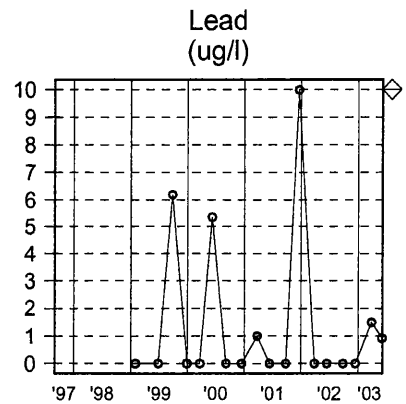


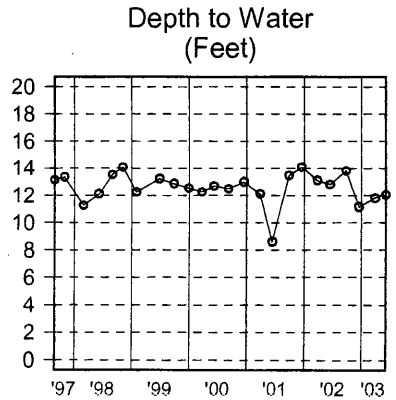












SOURCE: 0697MW01

Sampling Dates:
08/27/1997 - 05/30/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 5 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

08-07-2003 X:\MtechData\M-8\M8.WSF

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: M-8, Bldg. 697

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
3054104	00M8MW12	29-32560	08/22/03
3054105	00M8MW13	29-32561	08/22/03
3054106	00M8MW14	29-32562	08/22/03
3054107	00M8MW15	29-32563	08/22/03
3054108	00M8MW16	29-39146	08/22/03
3054109	00M8MW17	29-39147	08/22/03
3054110	00M8MW18	29-39148	08/22/03
3054111	00M8MW19	29-39149	08/22/03
3054112	00M8MW20	29-39150	08/22/03
3054113	00M8MW21	29-39151	08/22/03
3054114	00M8MW22	29-39152	08/22/03
3054116	0697MW01	29-31778	08/22/03
3054115	00M8MW23	29-40128	08/22/03
3058004	00M8MW24	29-41724	09/08/03

NJDEP Laboratory Certification # 13461

10-31-03

Daniel Wright/Date:
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B
TARGET COMPOUND LIST	Federal Register 40 CFR Part 136 Appendix A
Base/Neutrals and Acid Extractables by GC/MS	625
Purgeable Organcis by GC/MS	624
Pesticides and PCB's by GC	608

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: 732 6223
(X)DERA ( )OMA ( )Other:_____

Project No:
Location: M8 wells
3rd Qtr '03

Samplers Name / Company: Corey McCormack, TVS

LIMS/Work Order #		Sample Location	Date	Time	Sample Type	# bottles	VOCs	TAL mtls	Pest /PCB	BNA +25				Hex Chrom	Comments: MCL/HNO3/4°C Remarks / Preservation Method
30941	01	Trip	8/22/03	0724	AQ	2	✓							—	
	02	Field Blank				5	✓	✓	✓	✓				—	
	03	Dupe		—		5	✓	✓	✓	✓				—	
	04	M8 MW12		1506		5	✓	✓	✓	✓				0.0	29-32560
	05	M8 MW13		0935			✓	✓	✓	✓				0.0	29-32561
	06	M8 MW14		0910			✓	✓	✓	✓				0.0	29-32562
	07	M8 MW15		1432			✓	✓	✓	✓				0.0	29-32563
	08	M8 MW16		1336			✓	✓	✓	✓				0.0	29-39146
	09	M8 MW17		1328			✓	✓	✓	✓				0.0	29-39147
	10	M8 MW18		1013			✓	✓	✓	✓				0.0	29-39148
	11	M8 MW19		0943			✓	✓	✓	✓				0.0	29-39149
	12	M8 MW20		0903			✓	✓	✓	✓				0.0	29-39150
	13	M8 MW21		0834			✓	✓	✓	✓				0.0	29-39151
	14	M8 MW22		0827			✓	✓	✓	✓				0.0	29-39152

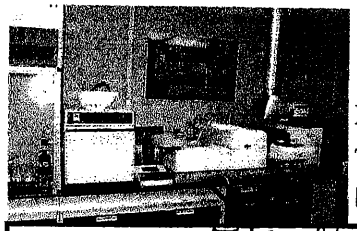
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	8/22/03 545	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified, (_)EDD
Turnaround time: (X)Standard 3 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks:
Tide: L

print legibly

COC.XLS6/3/2003



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. FALLON
Phone #: X216223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: M8 wells
3rd Qrtr '03 pt1

Samplers Name / Company: Corey McCormach, TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOTS	TAL Mtls	Pest/PCB	BNA+25				Hex Chrom	Remarks / Preservation Method
30541 15	M8 mw 23	8/22/03	1216	AQ	5	✓	✓	✓	✓				2.3	29-40128
16	697 MW01		1223			✓	✓	✓	✓				0.0	29-31776

Comments: HCL/HNO3/4°C

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormach	8/22/03 1515	J. Murphy			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (X)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: Tide: L

print legibly

COC.XLS6/3/2003

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil

NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon

Phone #: X2602.3

(X)DERA ( )OMA ( )Other:_____

Project No: I

Location: M8 wells

3rd Qtr '03 LoFlo

Samplers Name / Company: Corey McCormack, TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOTS	TAL MHs	Pest/PCB	BNA+25			TTW Ft	Hnu Head	Remarks / Preservation Method
30580 01	Trip	9/8/03	0747	AQ	2	✓	✓	✓	✓			—	—	
02	Field Blank		1348		5	✓	✓	✓	✓			—	—	
03	Dupe		—		5	✓	✓	✓	✓			—	—	29-41724
04	M8 MW24		1457		5	✓	✓	✓	✓			19.42'	0.0	↓

Comments: HCL/HNO_3/<4°C

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	9/8/03 1530	J. Velez			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified, (_)EDD

Turnaround time: (X)Standard 3 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks: Show T/FR/D w/ M2 LoFlos see data. cpm

Tide: Low

print legibly

COC.XLS6/3/2003

LTM Depth to Water

Location: M8
Date: 08/22/03

Well	NJDEP Well ID	Depth of Well Feet	Well Diameter Inch	Depth to Water Feet
M8MW12	29-32560	17.25	4	9.34
M8MW13	29-32561	18.82	4	6.67
M8MW14	29-32562	16.99	40	8
M8MW15	29-32563	16.51	40	5.75
M8MW16	29-39146	15.5	2	7.94
M8MW17	29-39147	15.4	2	6.54
M8MW18	29-39148	16.55	2	6.9
M8MW19	29-39149	17.5	2	7.65
M8MW20	29-39150	17.35	2	7.3
M8MW21	29-39151	15.75	2	6.31
M8MW22	29-39152	18	2	6.68
M8MW23	29-40128	16.72	4	8.8
M8MW24	29-41724	46.32	4	13.21
697MW01	29-31776	19.8	4	12.77

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW12
NJDEP ID #: 29-32560
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/22/03
WEATHER: Sunny hot and humid.
TIDE: Low

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 9.34 ft
DEPTH OF WELL: 17.25 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.91 ft
(7.91) X .65 X 3 =15.42
GALLONS OF H_2O TO BE PURGED: 15 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 14:00
pH 6.51 su
TEMP 13.61 °C
DISSOLVED O_2 3.66 mg/L
SPECIFIC CONDUCTIVITY 276.3 ms/cm

PURGE END TIME: 15:05
pH 6.39 su
TEMP 12.95 °C
DISSOLVED O_2 2.17 mg/L
SPECIFIC CONDUCTIVITY 310.4 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.41 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 15 gal

SAMPLE START TIME: 15:06
pH 6.39 su
TEMP 12.96 °C
DISSOLVED O_2 2.15 mg/L
SPECIFIC CONDUCTIVITY 311.1 ms/cm

SAMPLE END TIME: 15:11

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW13
NJDEP ID #: 29-32561
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/22/03
WEATHER: Sunny hot and Humid.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 6.67 ft
DEPTH OF WELL: 18.82 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 12.15 ft
(12.15) X .65 X 3 =23.69
GALLONS OF H_2O TO BE PURGED: 24 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 07:50
pH 6.91 su — TEMP 13.51 °C
DISSOLVED O_2 3.48 mg/L — SPECIFIC CONDUCTIVITY 131.7 ms/cm

PURGE END TIME: 09:34
pH 6.93 su — TEMP 12.89 °C
DISSOLVED O_2 2.17 mg/L — SPECIFIC CONDUCTIVITY 147.6 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.38 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 24 gal

SAMPLE START TIME: 09:35
pH 6.94 su — TEMP 12.90 °C
DISSOLVED O_2 2.15 mg/L — SPECIFIC CONDUCTIVITY 148.1 ms/cm

SAMPLE END TIME: 09:40

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW14
NJDEP ID #: 29-32562
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/22/03
WEATHER: Sunny hot and humid.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 8.00 ft
DEPTH OF WELL: 16.69 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.69 ft
(8.69) X .65 X 3 =16.94
GALLONS OF H_2O TO BE PURGED: 17 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 07:55
pH 7.11 su — TEMP 12.91 °C
DISSOLVED O_2 3.14 mg/L — SPECIFIC CONDUCTIVITY 1211 ms/cm

PURGE END TIME: 09:09
pH 7.03 su — TEMP 12.87 °C
DISSOLVED O_2 2.00 mg/L — SPECIFIC CONDUCTIVITY 1231 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.63 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 17 gal

SAMPLE START TIME: 09:10
pH 7.02 su — TEMP 12.86 °C
DISSOLVED O_2 2.01 mg/L — SPECIFIC CONDUCTIVITY 1232 ms/cm

SAMPLE END TIME: 09:15

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW15
NJDEP ID #: 29-32563
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/22/03
WEATHER: Sunny hot and humid.
TIDE: Low

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 5.75 ft
DEPTH OF WELL: 16.51 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.76 ft
(10.76) X .65 X 3 =20.98
GALLONS OF H_2O TO BE PURGED: 21 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 13:00
pH 7.04 su — TEMP 13.29 °C
DISSOLVED O_2 3.76 mg/L — SPECIFIC CONDUCTIVITY 179.4 ms/cm

PURGE END TIME: 14:31
pH 6.93 su — TEMP 12.94 °C
DISSOLVED O_2 2.20 mg/L — SPECIFIC CONDUCTIVITY 185.1 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.31 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 14:32
pH 6.94 su — TEMP 12.93 °C
DISSOLVED O_2 2.17 mg/L — SPECIFIC CONDUCTIVITY 185.2 ms/cm

SAMPLE END TIME: 14:37

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW16
NJDEP ID #: 29-39146
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/22/03
WEATHER: Sunny hot and humid.
TIDE: Low

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 7.94 ft
DEPTH OF WELL: 15.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.56 ft
(7.56) X .163 X 3 =3.69
GALLONS OF H_2O TO BE PURGED: 4 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 13:15
pH 6.90 su — TEMP 13.17 °C
DISSOLVED O_2 4.58 mg/L — SPECIFIC CONDUCTIVITY 1130 ms/cm

PURGE END TIME: 13:32
pH 6.85 su — TEMP 12.90 °C
DISSOLVED O_2 2.38 mg/L — SPECIFIC CONDUCTIVITY 1313 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.52 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 4 gal

SAMPLE START TIME: 13:36
pH 6.86 su — TEMP 12.91 °C
DISSOLVED O_2 2.36 mg/L — SPECIFIC CONDUCTIVITY 1314 ms/cm

SAMPLE END TIME: 13:44

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW17
NJDEP ID #: 29-39147
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/22/03
WEATHER: Sunny hot and humid.
TIDE: Low

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 6.54 ft
DEPTH OF WELL: 15.40 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.86 ft
(8.86) X .163 X 3 =4.33
GALLONS OF H_2O TO BE PURGED: 4 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 13:10
pH 7.63 su — TEMP 13.34 °C
DISSOLVED O_2 3.61 mg/L — SPECIFIC CONDUCTIVITY 1411 ms/cm

PURGE END TIME: 13:27
pH 7.20 su — TEMP 13.00 °C
DISSOLVED O_2 2.31 mg/L — SPECIFIC CONDUCTIVITY 1576 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.93 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 4 gal

SAMPLE START TIME: 13:28
pH 7.20 su — TEMP 12.98 °C
DISSOLVED O_2 2.27 mg/L — SPECIFIC CONDUCTIVITY 1577 ms/cm

SAMPLE END TIME: 13:33

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW18
NJDEP ID #: 29-39148
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/22/03
WEATHER: Sunny hot and humid.
TIDE: Low

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 6.90 ft
DEPTH OF WELL: 16.55 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.65 ft
(9.65) X .163 X 3 =4.71
GALLONS OF H_2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:50
pH 7.20 su
TEMP 13.17 °C
DISSOLVED O_2 4.35 mg/L
SPECIFIC CONDUCTIVITY 151.7 ms/cm

PURGE END TIME: 10:12
pH 7.16 su
TEMP 12.90 °C
DISSOLVED O_2 2.37 mg/L
SPECIFIC CONDUCTIVITY 173.1 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.39 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 10:13
pH 7.17 su
TEMP 12.91 °C
DISSOLVED O_2 2.35 mg/L
SPECIFIC CONDUCTIVITY 173.3 ms/cm

SAMPLE END TIME: 10:18

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW19
NJDEP ID #: 29-39149
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/22/03
WEATHER: Sunny hot and humid.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 7.65 ft
DEPTH OF WELL: 17.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.85 ft
(9.85) X .163 X 3 =4.81
GALLONS OF H_2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:20
pH 7.10 su — TEMP 13.50 °C
DISSOLVED O_2 3.15 mg/L — SPECIFIC CONDUCTIVITY 763 ms/cm

PURGE END TIME: 09:42
pH 7.03 su — TEMP 12.91 °C
DISSOLVED O_2 2.10 mg/L — SPECIFIC CONDUCTIVITY 811 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.93 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 09:43
pH 7.04 su — TEMP 12.92 °C
DISSOLVED O_2 2.07 mg/L — SPECIFIC CONDUCTIVITY 814 ms/cm

SAMPLE END TIME: 09:48

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW20
NJDEP ID #: 29-39150
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/22/03
WEATHER: Sunny hot and humid.
TIDE: Low

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 7.30 ft
DEPTH OF WELL: 17.35 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.05 ft
(10.05) X .163 X 3 =4.91
GALLONS OF H_2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:40
pH 7.08 su — TEMP 13.26 °C
DISSOLVED O_2 3.48 mg/L — SPECIFIC CONDUCTIVITY 121.7 ms/cm

PURGE END TIME: 09:02
pH 7.01 su — TEMP 12.92 °C
DISSOLVED O_2 2.20 mg/L — SPECIFIC CONDUCTIVITY 168.4 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.01 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 09:03
pH 7.00 su — TEMP 12.93 °C
DISSOLVED O_2 2.16 mg/L — SPECIFIC CONDUCTIVITY 169.1 ms/cm

SAMPLE END TIME: 09:08

COMMENTS: Clear but yellow.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW21
NJDEP ID #: 29-39151
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/22/03
WEATHER: Sunny hot and humid.
TIDE: Low

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 6.31 ft
DEPTH OF WELL: 15.75 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.44 ft
(9.44) X .163 X 3 =4.61
GALLONS OF H_2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:09
pH 7.05 su — TEMP 13.27 °C
DISSOLVED O_2 3.46 mg/L — SPECIFIC CONDUCTIVITY 15.20 ms/cm

PURGE END TIME: 08:31
pH 6.98 su — TEMP 12.94 °C
DISSOLVED O_2 2.13 mg/L — SPECIFIC CONDUCTIVITY 11.31 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.09 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 08:34
pH 6.99 su — TEMP 12.95 °C
DISSOLVED O_2 2.10 mg/L — SPECIFIC CONDUCTIVITY 11.29 ms/cm

SAMPLE END TIME: 08:39

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW22
NJDEP ID #: 29-39152
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/22/03
WEATHER: Sunny hot and humid.
TIDE: Low

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 6.68 ft
DEPTH OF WELL: 18.00 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 14.32 ft
(14.32) X .163 X 3 =5.53
GALLONS OF H_2O TO BE PURGED: 6 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:00
pH 7.10 su
TEMP 13.13 °C
DISSOLVED O_2 3.51 mg/L
SPECIFIC CONDUCTIVITY 67.11 ms/cm

PURGE END TIME: 08:26
pH 7.15 su
TEMP 12.91 °C
DISSOLVED O_2 2.00 mg/L
SPECIFIC CONDUCTIVITY 69.30 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.90 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 6 gal

SAMPLE START TIME: 08:27
pH 7.14 su
TEMP 12.92 °C
DISSOLVED O_2 2.01 mg/L
SPECIFIC CONDUCTIVITY 69.31 ms/cm

SAMPLE END TIME: 08:32

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW23
NJDEP ID #: 29-40128
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/22/03
WEATHER: Sunny hot and humid.
TIDE: Low

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 8.80 ft
DEPTH OF WELL: 16.72 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.92 ft
(7.92) X .65 X 3 =15.44
GALLONS OF H_2O TO BE PURGED: 15 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 11:10
pH 6.00 su
TEMP 13.21 °C
DISSOLVED O_2 2.76 mg/L
SPECIFIC CONDUCTIVITY 570.1 ms/cm

PURGE END TIME: 12:15
pH 5.79 su
TEMP 12.99 °C
DISSOLVED O_2 1.91 mg/L
SPECIFIC CONDUCTIVITY 621.1 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.99 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 15 gal

SAMPLE START TIME: 12:16
pH 5.76 su
TEMP 13.00 °C
DISSOLVED O_2 1.87 mg/L
SPECIFIC CONDUCTIVITY 621.1 ms/cm

SAMPLE END TIME: 12:21

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW24
NJDEP ID # 29-41724
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 09/08/03
WEATHER: Sunny, cool
TIDE: N/A
WELL CONDITION: Good
LNAPLs: N
DNAPLs: N

Hnu Calibration: Span 5.21 w/ 100 ppm Isobutylene
Sonde Calibration:
pH: 7.00/10.00/4.00 Buffers
Sp. Cond/Cond: 21.7 μ ohms/cm solution (KCl)
DO: % Humidity 760mm (Barometric Pressure)
Temp. : N/A
Turb: Hach Meter; Stab Cal set for 2100p Lot A1255
Exp. Nov- 03

ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 19.42 ft
Before Purge Start: 19.42 ft Previous Day: N/A ft After Sampling: 19.63 ft
DEPTH OF WELL: 46.32 ft
DEPTH TO TOP OF SCREEN: N/A ft
DEPTH OF PUMP/TUBE INTAKE: 35.00 ft TUBING: Food Grade ¼" Polyethylene
HEIGHT OF WATER: 26.90 ft
(26.90) X .65 X 3 = 52.45 (.65 for 4")
GALLONS OF H2O TO BE PURGED: 52 Gal
PURGE METHOD: (FLOW at >100 TO <500 gpm): 2" REDIFLO 2 GRUNDPHOS SUBMERSIBLE PUMP
Purged at * mL/Min or Gal/Min. (ml to gal.:ml(0002642)=gal)
PURGE RATE: * gpm
Hnu READING: 0.0 ppm (Well)
Hnu READING: 0.0 ppm (Well Cap)

Start 1315 @ 290 ml/min @ to
240 ml/min @ 1325 to
220 ml/min @ 1335 until end

PURGE START TIME: 1315
pH 6.47 su ORP N/A mv TEMP 13.72 °C Turb. 25.1 NTU
DISSOLVED O_2 2.94 mg/L Sp. CONDUCTIVITY 171.3 ms/cm

PURGE END TIME:
pH 6.34 su ORP N/A mv TEMP 13.21 °C Turb. 3.39 NTU
DISSOLVED O_2 1.87 mg/L Sp. CONDUCTIVITY 27.3 ms/cm

DEPTH TO H2O AFTER PURGE AND SAMPLING: 19.63 ft
(SAMPLING METHOD: (Through pump and tubing. Flow cell disconnected)

SAMPLE START TIME: 1457
pH 6.33 su ORP N/A mv TEMP 13.21 °C Turb. 3.35 NTU
DISSOLVED O_2 1.87 mg/L Sp. CONDUCTIVITY 27.1 ms/cm

SAMPLE END TIME: 1503
ANALYTES : VOA+15, TAL Mtls, Pest/PCB, BNA+25
COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 0697MW01
NJDEP ID #: 29-31776
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/22/03
WEATHER: Sunny hot and humid.
TIDE: Low

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 12.77 ft
DEPTH OF WELL: 19.80 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.03 ft
(7.03) X .65 X 3 =13.70
GALLONS OF H_2O TO BE PURGED: 14 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 11:15
pH 5.79 su — TEMP 13.76 °C
DISSOLVED O_2 3.70 mg/L — SPECIFIC CONDUCTIVITY 121.7 ms/cm

PURGE END TIME: 12:16
pH 5.68 su — TEMP 12.91 °C
DISSOLVED O_2 2.03 mg/L — SPECIFIC CONDUCTIVITY 123.9 ms/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 14.09 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 14 gal

SAMPLE START TIME: 12:23
pH 5.67 su — TEMP 12.92 °C
DISSOLVED O_2 2.04 mg/L — SPECIFIC CONDUCTIVITY 124.6 ms/cm

SAMPLE END TIME: 12:28

COMMENTS:

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

MDL	:	**Method Detection Limit**
J	:	**Compound identified below detection limit**
B	:	**Compound found in blank**
D	:	**Results are from a dilution of the sample**
U	:	**Compound searched for but not detected**
E	:	**Compound exceeds calibration limit**
PQL	:	**Practical Quantitation Limit**
NLE	:	**No limit established**
RT	:	**Retention time**

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014326.D**	Sample Name	**MB 03Sept03**
Operator	**Skelton**	Field ID	**MB 03Sept03**
Date Acquired	**3 Sep 2003 4:46 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.78	102564	2.49 ug/L	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

MB 03Sept03

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30541 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 03Sept03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014326.D

Level: (low/med) LOW Date Received: 8/22/2003

% Moisture: not dec. _____ Date Analyzed: 9/3/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC010298.D**	Sample Name	**MB 17Sept03**
Operator	**Skelton**	Field ID	**MB 17Sept03**
Date Aquired	**17-Sep-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 17Sept03**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30580 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 17Sept03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010298.D

Level: (low/med) LOW Date Received: 9/8/2003

% Moisture: not dec. _____ Date Analyzed: 9/17/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014332.D**	Sample Name	**3054101**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**3 Sep 2003 8:39 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.80	85881	2.16 ug/L	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Trip Blank

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30541 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3054101

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014332.D

Level: (low/med) LOW Date Received: 8/22/2003

% Moisture: not dec. _____ Date Analyzed: 9/3/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC010311.D**	Sample Name	**3058001**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**17-Sep-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	15.58	189816	3.30 ug/L	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30580 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3058001

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010311.D

Level: (low/med) LOW Date Received: 9/8/2003

% Moisture: not dec. _____ Date Analyzed: 9/17/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014333.D**	Sample Name	**3054102**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**3 Sep 2003 9:18 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.80	86032	2.17 ug/L	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30541 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3054102

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014333.D

Level: (low/med) LOW Date Received: 8/22/2003

% Moisture: not dec. Date Analyzed: 9/3/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC010312.D**	Sample Name	**3058002**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**18-Sep-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	15.58	197014	3.29 ug/L	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30580 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3058002

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010312.D

Level: (low/med) LOW Date Received: 9/8/2003

% Moisture: not dec. _____ Date Analyzed: 9/18/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014334.D**	Sample Name	**3054103**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**3 Sep 2003 9:57 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Dupe

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30541 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3054103

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014334.D

Level: (low/med) LOW Date Received: 8/22/2003

% Moisture: not dec. _____ Date Analyzed: 9/3/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC010313.D**	Sample Name	**3058003**
Operator	**Skelton**	Field ID	**Dupe**
Date Aquired	**18-Sep-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene	16.91	158320	1.06 ug/L	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene	25.00	256732	2.11 ug/L	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30580 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3058003

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010313.D

Level: (low/med) LOW Date Received: 9/8/2003

% Moisture: not dec. _____ Date Analyzed: 9/18/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000060-29-7	Ether	8.50	3	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014335.D**	Sample Name	**3054104**
Operator	**Skelton**	Field ID	**M8MW12**
Date Acquired	**3 Sep 2003 10:36 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone	17.77	59358	9.29 ug/L	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	16.01	75784	2.73 ug/L	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M8MW12

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30541 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3054104

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014335.D

Level: (low/med) LOW Date Received: 8/22/2003

% Moisture: not dec. _____ Date Analyzed: 9/3/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014336.D**	Sample Name	**3054105**
Operator	**Skelton**	Field ID	**M8MW13**
Date Acquired	**3 Sep 2003 11:15 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M8MW13

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30541 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3054105

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014336.D

Level: (low/med) LOW Date Received: 8/22/2003

% Moisture: not dec. _____ Date Analyzed: 9/3/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014337.D**	Sample Name	**3054106**
Operator	**Skelton**	Field ID	**M8MW14**
Date Acquired	**3 Sep 2003 11:54 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene	25.78	46053	0.70 ug/L	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M8MW14

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30541 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3054106

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014337.D

Level: (low/med) LOW Date Received: 8/22/2003

% Moisture: not dec. _____ Date Analyzed: 9/3/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014338.D**	Sample Name	**3054107**
Operator	**Skelton**	Field ID	**M8MW15**
Date Acquired	**4 Sep 2003 12:32 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene	25.78	326670	5.10 ug/L	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M8MW15

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30541 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3054107

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014338.D

Level: (low/med) LOW Date Received: 8/22/2003

% Moisture: not dec. _____ Date Analyzed: 9/4/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014339.D**	Sample Name	**3054108**
Operator	**Skelton**	Field ID	**M8MW16**
Date Acquired	**4 Sep 2003 1:11 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene	18.27	139174	1.74 ug/L	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene	25.78	1527067	24.09 ug/L	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene	30.29	103323	1.93 ug/L	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M8MW16

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30541 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3054108

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014339.D

Level: (low/med) LOW Date Received: 8/22/2003

% Moisture: not dec. _____ Date Analyzed: 9/4/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014340.D**	Sample Name	**3054109**
Operator	**Skelton**	Field ID	**M8MW17**
Date Acquired	**4 Sep 2003 1:50 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene	25.78	218333	3.57 ug/L	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M8MW17

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30541 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3054109

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014340.D

Level: (low/med) LOW Date Received: 8/22/2003

% Moisture: not dec. _____ Date Analyzed: 9/4/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014341.D**	Sample Name	**3054110**
Operator	**Skelton**	Field ID	**M8MW18**
Date Acquired	**4 Sep 2003 2:29 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene	25.78	977731	17.41 ug/L	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene	30.29	165263	3.49 ug/L	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M8MW18

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30541 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3054110

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014341.D

Level: (low/med) LOW Date Received: 8/22/2003

% Moisture: not dec. Date Analyzed: 9/4/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014342.D**	Sample Name	**3054111**
Operator	**Skelton**	Field ID	**M8MW19**
Date Acquired	**4 Sep 2003 3:08 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M8MW19

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30541 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3054111

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014342.D

Level: (low/med) LOW Date Received: 8/22/2003

% Moisture: not dec. _____ Date Analyzed: 9/4/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014343.D**	Sample Name	**3054112**
Operator	**Skelton**	Field ID	**M8MW20**
Date Acquired	**4 Sep 2003 3:47 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M8MW20

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30541 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3054112

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014343.D

Level: (low/med) LOW Date Received: 8/22/2003

% Moisture: not dec. _____ Date Analyzed: 9/4/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014344.D**	Sample Name	**3054113**
Operator	**Skelton**	Field ID	**M8MW21**
Date Acquired	**4 Sep 2003 4:26 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M8MW21

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30541 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3054113

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014344.D

Level: (low/med) LOW Date Received: 8/22/2003

% Moisture: not dec. _____ Date Analyzed: 9/4/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014345.D**	Sample Name	**3054114**
Operator	**Skelton**	Field ID	**M8MW22**
Date Acquired	**4 Sep 2003 5:05 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M8MW22

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30541 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3054114

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014345.D

Level: (low/med) LOW Date Received: 8/22/2003

% Moisture: not dec. _____ Date Analyzed: 9/4/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014346.D**	Sample Name	**3054115**
Operator	**Skelton**	Field ID	**M8MW23**
Date Acquired	**4 Sep 2003 5:43 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride	5.48	103702	4.07 ug/L	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	16.00	288009	11.74 ug/L	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

M8MW23

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30541 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3054115

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014346.D

Level: (low/med) LOW Date Received: 8/22/2003

% Moisture: not dec. _____ Date Analyzed: 9/4/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC010314.D**	Sample Name	**3058004**
Operator	**Skelton**	Field ID	**M8MW24**
Date Aquired	**18-Sep-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene	16.91	158274	1.08 ug/L	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene	25.00	252045	2.15 ug/L	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW24**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30580 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3058004

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010314.D

Level: (low/med) LOW Date Received: 9/8/2003

% Moisture: not dec. Date Analyzed: 9/18/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown hydrocarbon	8.51	3	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014347.D**	Sample Name	**3054116**
Operator	**Skelton**	Field ID	**697MW01**
Date Acquired	**4 Sep 2003 6:22 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	23.56	17347	1.25 ug/L	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

697MW01

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 30541 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3054116

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014347.D

Level: (low/med) LOW Date Received: 8/22/2003

% Moisture: not dec. Date Analyzed: 9/4/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA08510.D**	Sample Name	**MB-082703-Aq**
Operator	**BPatel**	Misc Info	**MB-082703-Aq.**
Date Acquired	**29-Aug-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA08510.D**	Sample Name	**MB-082703-Aq**
Operator	**BPatel**	Misc Info	**MB-082703-Aq.**
Date Acquired	**29-Aug-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **MB-082703**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30541 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB-082703-Aq

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA08510.D

Level: (low/med) LOW Date Received: 8/22/2003

% Moisture: decanted: (Y/N) N Date Extracted: 8/27/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/29/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.16	15	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA08653.D**	Sample Name	**MB-091003**
Operator	**BPatel**	Misc Info	**MB-091003-Aq.**
Date Acquired	**11-Sep-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA08653.D**	Sample Name	**MB-091003**
Operator	**BPatel**	Misc Info	**MB-091003-Aq.**
Date Acquired	**11-Sep-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **MB-091003**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30580 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB-091003

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA08653.D

Level: (low/med) LOW Date Received: 9/8/2003

% Moisture: decanted: (Y/N) N Date Extracted: 9/10/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/11/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA08517.D**	Sample Name	**3054102**
Operator	**BPatel**	Misc Info	**Field Blank**
Date Acquired	**29-Aug-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA08517.D**	Sample Name	**3054102**
Operator	**BPatel**	Misc Info	**Field Blank**
Date Acquired	**29-Aug-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30541 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3054102

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA08517.D

Level: (low/med) LOW Date Received: 8/22/2003

% Moisture: decanted: (Y/N) N Date Extracted: 8/27/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/29/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.16	15	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA08656.D**	Sample Name	**3058002**
Operator	**BPatel**	Misc Info	**Field Blank**
Date Acquired	**11-Sep-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA08656.D**	Sample Name	**3058002**
Operator	**BPatel**	Misc Info	**Field Blank**
Date Acquired	**11-Sep-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30580 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3058002

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA08656.D

Level: (low/med) LOW Date Received: 9/8/2003

% Moisture: decanted: (Y/N) N Date Extracted: 9/10/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/11/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA08518.D**	Sample Name	**3054103**
Operator	**BPatel**	Misc Info	**Dupe**
Date Acquired	**29-Aug-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA08518.D**	Sample Name	**3054103**
Operator	**BPatel**	Misc Info	**Dupe**
Date Acquired	**29-Aug-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
MDL= Method Detection Limit
D= Value from dilution
NLE= No Limit Established
B= Compound in Related Blank
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Dupe**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30541 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3054103

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA08518.D

Level: (low/med) LOW Date Received: 8/22/2003

% Moisture: decanted: (Y/N) N Date Extracted: 8/27/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/29/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.16	13	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA08657.D**	Sample Name	**3058003**
Operator	**BPatel**	Misc Info	**Dupe**
Date Acquired	**11-Sep-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA08657.D**	Sample Name	**3058003**
Operator	**BPatel**	Misc Info	**Dupe**
Date Acquired	**11-Sep-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Dupe**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30580 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3058003

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA08657.D

Level: (low/med) LOW Date Received: 9/8/2003

% Moisture: decanted: (Y/N) N Date Extracted: 9/10/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/11/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA08539.D**	Sample Name	**3054104**
Operator	**BPatel**	Misc Info	**M8MW12**
Date Acquired	**30-Aug-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA08539.D**	Sample Name	**3054104**
Operator	**BPatel**	Misc Info	**M8MW12**
Date Acquired	**30-Aug-03**	Sample Multiplie:	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW12**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30541 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3054104

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA08539.D

Level: (low/med) LOW Date Received: 8/22/2003

% Moisture: decanted: (Y/N) N Date Extracted: 8/27/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/30/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.16	11	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA08540.D**	Sample Name	**3054105**
Operator	**BPatel**	Misc Info	**M8MW13**
Date Acquired	**30-Aug-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA08540.D**	Sample Name	**3054105**
Operator	**BPatel**	Misc Info	**M8MW13**
Date Acquired	**30-Aug-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW13**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30541 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3054105

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA08540.D

Level: (low/med) LOW Date Received: 8/22/2003

% Moisture: decanted: (Y/N) N Date Extracted: 8/27/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/30/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.16	11	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA08541.D**	Sample Name	**3054106**
Operator	**BPatel**	Misc Info	**M8MW14**
Date Acquired	**30-Aug-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA08541.D**	Sample Name	**3054106**
Operator	**BPatel**	Misc Info	**M8MW14**
Date Acquired	**30-Aug-03**	Sample Multiplie	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW14**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30541 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3054106

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA08541.D

Level: (low/med) LOW Date Received: 8/22/2003

% Moisture: decanted: (Y/N) N Date Extracted: 8/27/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/30/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.16	10	J
2. 000134-62-3	Diethyltoluamide	18.84	10	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA08542.D**	Sample Name	**3054107**
Operator	**BPatel**	Misc Info	**M8MW15**
Date Acquired	**30-Aug-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene	17.89	87355	1.43 ug/L	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA08542.D**	Sample Name	**3054107**
Operator	**BPatel**	Misc Info	**M8MW15**
Date Acquired	**30-Aug-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW15**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30541 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3054107

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA08542.D

Level: (low/med) LOW Date Received: 8/22/2003

% Moisture: decanted: (Y/N) N Date Extracted: 8/27/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/30/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 3

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.16	11	J
2. 000119-39-1	Phthalazin-1-one	19.02	8	JN
3.	unknown	24.70	17	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA08543.D**	Sample Name	**3054108**
Operator	**BPatel**	Misc Info	**M8MW16**
Date Acquired	**30-Aug-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene	10.66	68193	1.71 ug/L	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene	17.88	86583	1.42 ug/L	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA08543.D**	Sample Name	**3054108**
Operator	**BPatel**	Misc Info	**M8MW16**
Date Acquired	**30-Aug-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
MDL= Method Detection Limit
D= Value from dilution
NLE= No Limit Established
B= Compound in Related Blank
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW16**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30541 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3054108

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA08543.D

Level: (low/med) LOW Date Received: 8/22/2003

% Moisture: decanted: (Y/N) N Date Extracted: 8/27/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/30/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 8

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.16	11	J
2. 000098-54-4	Phenol, p-tert-butyl-	15.03	4	JN
3. 000134-62-3	Diethyltoluamide	18.84	5	JN
4. 000119-39-1	Phthalazin-1-one	19.03	24	JN
5.	unknown	19.85	7	J
6. 000934-34-9	2(3H)-Benzothiazolone	20.08	6	JN
7.	unknown	20.56	12	J
8.	unknown	26.89	6	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA08544.D**	Sample Name	**3054109**
Operator	**BPatel**	Misc Info	**M8MW17**
Date Acquired	**30-Aug-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene	17.89	316075	5.30 ug/L	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA08544.D**	Sample Name	**3054109**
Operator	**BPatel**	Misc Info	**M8MW17**
Date Acquired	**30-Aug-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW17**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30541 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3054109

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA08544.D

Level: (low/med) LOW Date Received: 8/22/2003

% Moisture: decanted: (Y/N) N Date Extracted: 8/27/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/30/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.42	5	J
2. 000057-10-3	Hexadecanoic acid	22.86	6	JN
3.	unknown	24.99	18	J
4. 000123-95-5	Octadecanoic acid, butyl ester	26.73	13	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA08545.D**	Sample Name	**3054110**
Operator	**BPatel**	Misc Info	**M8MW18**
Date Acquired	**30-Aug-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene	10.66	121276	3.15 ug/L	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA08545.D**	Sample Name	**3054110**
Operator	**BPatel**	Misc Info	**M8MW18**
Date Acquired	**30-Aug-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW18**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30541 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3054110

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA08545.D

Level: (low/med) LOW Date Received: 8/22/2003

% Moisture: decanted: (Y/N) N Date Extracted: 8/27/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/30/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 10

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	17.71	5	J
2. 000134-62-3	Diethyltoluamide	18.84	6	JN
3. 000119-39-1	Phthalazin-1-one	19.04	34	JN
4.	unknown	19.51	6	J
5.	unknown	19.86	14	J
6. 000934-34-9	2(3H)-Benzothiazolone	20.09	8	JN
7.	unknown	20.55	7	J
8. 000057-10-3	Hexadecanoic acid	22.88	6	JN
9.	unknown	25.00	11	J
10. 000000-00-0	Butyl tetradecanoate (myristate)	26.73	7	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA08546.D**	Sample Name	**3054111**
Operator	**BPatel**	Misc Info	**M8MW19**
Date Acquired	**30-Aug-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA08546.D**	Sample Name	**3054111**
Operator	**BPatel**	Misc Info	**M8MW19**
Date Acquired	**30-Aug-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW19**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30541 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3054111

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA08546.D

Level: (low/med) LOW Date Received: 8/22/2003

% Moisture: decanted: (Y/N) N Date Extracted: 8/27/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/30/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 5

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.17	5	J
2. 005973-71-7	Benzaldehyde, 3,4-dimethyl-	14.05	5	JN
3. 000057-10-3	Hexadecanoic acid	22.87	8	JN
4.	unknown	24.99	25	J
5. 000123-95-5	Octadecanoic acid, butyl ester	26.73	18	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA08547.D**	Sample Name	**3054112**
Operator	**BPatel**	Misc Info	**M8MW20**
Date Acquired	**30-Aug-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA08547.D**	Sample Name	**3054112**
Operator	**BPatel**	Misc Info	**M8MW20**
Date Acquired	**30-Aug-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW20**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30541 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3054112

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA08547.D

Level: (low/med) LOW Date Received: 8/22/2003

% Moisture: decanted: (Y/N) N Date Extracted: 8/27/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/30/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 4

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 005973-71-7	Benzaldehyde, 3,4-dimethyl-	14.04	4	JN
2. 000057-10-3	Hexadecanoic acid	22.87	5	JN
3.	unknown	24.99	26	J
4. 000123-95-5	Octadecanoic acid, butyl ester	26.72	19	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA08548.D**	Sample Name	**3054113**
Operator	**BPatel**	Misc Info	**M8MW21**
Date Acquired	**30-Aug-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA08548.D**	Sample Name	**3054113**
Operator	**BPatel**	Misc Info	**M8MW21**
Date Acquired	**30-Aug-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate	18.97	120756	1.87 ug/L	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW21**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30541 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3054113

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA08548.D

Level: (low/med) LOW Date Received: 8/22/2003

% Moisture: decanted: (Y/N) N Date Extracted: 8/27/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/30/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	24.99	12	J
2. 000123-95-5	Octadecanoic acid, butyl ester	26.72	9	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA08549.D**	Sample Name	**3054114**
Operator	**BPatel**	Misc Info	**M8MW22**
Date Acquired	**30-Aug-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA08549.D**	Sample Name	**3054114**
Operator	**BPatel**	Misc Info	**M8MW22**
Date Acquired	**30-Aug-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW22**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30541 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3054114

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA08549.D

Level: (low/med) LOW Date Received: 8/22/2003

% Moisture: decanted: (Y/N) N Date Extracted: 8/27/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/30/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	24.99	20	J
2. 000123-95-5	Octadecanoic acid, butyl ester	26.72	14	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA08550.D**	Sample Name	**3054115**
Operator	**BPatel**	Misc Info	**M8MW23**
Date Acquired	**30-Aug-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA08550.D**	Sample Name	**3054115**
Operator	**BPatel**	Misc Info	**M8MW23**
Date Acquired	**30-Aug-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW23**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30541 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3054115

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA08550.D

Level: (low/med) LOW Date Received: 8/22/2003

% Moisture: decanted: (Y/N) N Date Extracted: 8/27/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/30/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 6

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.16	10	J
2. 000116-53-0	Butanoic acid, 2-methyl-	7.41	8	JN
3. 000109-52-4	Pentanoic acid	8.09	13	JN
4. 000097-61-0	Pentanoic acid, 2-methyl-	9.27	30	JN
5.	unknown	24.99	16	J
6. 000123-95-5	Octadecanoic acid, butyl ester	26.72	12	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA08658.D**	Sample Name	**3058004**
Operator	**BPatel**	Misc Info	**M8MW24**
Date Acquired	**11-Sep-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA08658.D**	Sample Name	**3058004**
Operator	**BPatel**	Misc Info	**M8MW24**
Date Acquired	**11-Sep-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW24**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30580 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3058004

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA08658.D

Level: (low/med) LOW Date Received: 9/8/2003

% Moisture: decanted: (Y/N) N Date Extracted: 9/10/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/11/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000057-10-3	Hexadecanoic acid	22.84	4	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA08551.D**	Sample Name	**3054116**
Operator	**BPatel**	Misc Info	**697MW01**
Date Acquired	**30-Aug-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA08551.D**	Sample Name	**3054116**
Operator	**BPatel**	Misc Info	**697MW01**
Date Acquired	**30-Aug-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **697MW01**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30541 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3054116

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA08551.D

Level: (low/med) LOW Date Received: 8/22/2003

% Moisture: decanted: (Y/N) N Date Extracted: 8/27/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/30/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	24.99	17	J
2. 000123-95-5	Octadecanoic acid, butyl ester	26.72	11	JN

U.S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

TABULATED ANALYTICAL REPORT
SW 846 608
Pesticides/PCB

mb 082803

Matrix: Aqueous
Date Extracted: 8/28/2003
Ext. Batch: 082803
Filename: 01261.D
Date Analysed: 9/5/2003

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.0011
319-85-7	beta-BHC	ND	0.0050
58-89-9	gamma-BHC	ND	0.0013
319-86-8	delta-BHC	ND	0.0016
76-44-8	Heptachlor	ND	0.0035
309-00-2	Aldrin	ND	0.0026
1024-57-3	Heptachlor epoxide	ND	0.0020
5103-71-9	gamma-Chlordane	ND	0.0007
5103-74-2	alpha-Chlordane	ND	0.0036
959-98-8	Endosulfan I	ND	0.0016
72-55-9	4,4'-DDE	ND	0.0021
60-57-1	Dieldrin	ND	0.0020
72-20-8	Endrin	ND	0.0032
33213-65-9	Endosulfan II	ND	0.0022
72-54-8	4,4'-DDD	ND	0.0020
7421-93-4	Endrin aldehyde	ND	0.0100
50-29-3	4,4'-DDT	ND	0.0052
1031-07-8	Endosulfan sulfate	ND	0.0026
53494-70-5	Endrin ketone	ND	0.0026
72-43-5	Methoxychlor	ND	0.0100
8001-35-2	Toxaphene	ND	0.0157
12674-11-2	Arochlor 1016	ND	0.0683
11104-28-2	Arochlor 1221	ND	0.0666
11141-16-5	Arochlor 1232	ND	0.0648
53469-21-9	Arochlor 1242	ND	0.0485
12672-29-6	Arochlor 1248	ND	0.0544
11097-69-1	Arochlor 1254	ND	0.0608
11096-82-5	Arochlor 1260	ND	0.0732

MDL = METHOD DETECTION LIMIT
ND =NOT DETECTED, BELOW MDL

Initial vol. (ml): 1000.00
Final vol. (ml): 10

U.S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

TABULATED ANALYTICAL REPORT
SW 846 608
Pesticides/PCB

mb 090903

Matrix: Aqueous
Date Extracted: 9/9/2003
Ext. Batch: 090903
Filename: 01298.D
Date Analysed: 9/11/2003

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.0011
319-85-7	beta-BHC	ND	0.0050
58-89-9	gamma-BHC	ND	0.0013
319-86-8	delta-BHC	ND	0.0016
76-44-8	Heptachlor	ND	0.0035
309-00-2	Aldrin	ND	0.0026
1024-57-3	Heptachlor epoxide	ND	0.0020
5103-71-9	gamma-Chlordane	ND	0.0007
5103-74-2	alpha-Chlordane	ND	0.0036
959-98-8	Endosulfan I	ND	0.0016
72-55-9	4,4'-DDE	ND	0.0021
60-57-1	Dieldrin	ND	0.0020
72-20-8	Endrin	ND	0.0032
33213-65-9	Endosulfan II	ND	0.0022
72-54-8	4,4'-DDD	ND	0.0020
7421-93-4	Endrin aldehyde	ND	0.0100
50-29-3	4,4'-DDT	ND	0.0052
1031-07-8	Endosulfan sulfate	ND	0.0026
53494-70-5	Endrin ketone	ND	0.0026
72-43-5	Methoxychlor	ND	0.0100
8001-35-2	Toxaphene	ND	0.0157
12674-11-2	Arochlor 1016	ND	0.0683
11104-28-2	Arochlor 1221	ND	0.0666
11141-16-5	Arochlor 1232	ND	0.0648
53469-21-9	Arochlor 1242	ND	0.0485
12672-29-6	Arochlor 1248	ND	0.0544
11097-69-1	Arochlor 1254	ND	0.0608
11096-82-5	Arochlor 1260	ND	0.0732

MDL = METHOD DETECTION LIMIT
ND =NOT DETECTED, BELOW MDL

Initial vol. (ml): 1000.00
Final vol. (ml): 10

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 3rd. Qrtr. '03
Field ID: FIELDBLANK
Lab ID: 3054102
Filename: 01263.D
Lab Project : 30541

Location: M8 Wells 3rd. Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 082803
Date Extracted: 8/28/2003
Date Analyzed: 05-Sep-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 3rd. Qrtr '03
Field ID: FIELDBLANK
Lab ID: 3058002
Filename: 01303.D
Lab Project : 30580

Location: M8 Wells 3rd. Qrtr '03
MATRIX: Aqueous
Ext. Batch: 090903
Date Extracted: 9/9/2003
Date Analyzed: 12-Sep-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 3rd. Qrtr. '03
Field ID: Dupe
Lab ID: 3054103
Filename: 01264.D
Lab Project : 30541

Location: M8 Wells 3rd. Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 082803
Date Extracted: 8/28/2003
Date Analyzed: 05-Sep-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 3rd. Qrtr '03
Field ID: Dupe
Lab ID: 3058003
Filename: 01304.D
Lab Project : 30580

Location: M8 Wells 3rd. Qrtr '03
MATRIX: Aqueous
Ext. Batch: 090903
Date Extracted: 9/9/2003
Date Analyzed: 12-Sep-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 3rd. Qrtr. '03
Field ID: M8MW12
Lab ID: 3054104
Filename: 01265.D
Lab Project : 30541

Location: M8 Wells 3rd. Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 082803
Date Extracted: 8/28/2003
Date Analyzed: 05-Sep-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 3rd. Qrtr. '03
Field ID: M8MW13
Lab ID: 3054105
Filename: 01266.D
Lab Project : 30541

Location: M8 Wells 3rd. Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 082803
Date Extracted: 8/28/2003
Date Analyzed: 05-Sep-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 3rd. Qrtr. '03
Field ID: M8MW14
Lab ID: 3054106
Filename: 01267.D
Lab Project : 30541

Location: M8 Wells 3rd. Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 082803
Date Extracted: 8/28/2003
Date Analyzed: 05-Sep-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 3rd. Qrtr. '03
Field ID: M8MW15
Lab ID: 3054107
Filename: 01268.D
Lab Project : 30541

Location: M8 Wells 3rd. Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 082803
Date Extracted: 8/28/2003
Date Analyzed: 05-Sep-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 3rd. Qrtr. '03
Field ID: M8MW16
Lab ID: 3054108
Filename: 01269.D
Lab Project : 30541

Location: M8 Wells 3rd. Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 082803
Date Extracted: 8/28/2003
Date Analyzed: 05-Sep-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	0.025	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	0.014	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	0.009	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	0.004	0.01	0.10		0.0021
60-57-1	Dieldrin	0.016	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	0.015	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 3rd. Qrtr. '03
Field ID: M8MW17
Lab ID: 3054109
Filename: 01270.D
Lab Project : 30541

Location: M8 Wells 3rd. Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 082803
Date Extracted: 8/28/2003
Date Analyzed: 05-Sep-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 3rd. Qrtr. '03
Field ID: M8MW18
Lab ID: 3054110
Filename: 01271.D
Lab Project : 30541

Location: M8 Wells 3rd. Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 082803
Date Extracted: 8/28/2003
Date Analyzed: 05-Sep-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	0.034	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 3rd. Qrtr. '03
Field ID: M8MW19
Lab ID: 3054110
Filename: 01271.D
Lab Project : 30541

Location: M8 Wells 3rd. Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 082803
Date Extracted: 8/28/2003
Date Analyzed: 05-Sep-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	0.034	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 3rd. Qrtr. '03
Field ID: M8MW20
Lab ID: 3054112
Filename: 01273.D
Lab Project : 30541

Location: M8 Wells 3rd. Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 082803
Date Extracted: 8/28/2003
Date Analyzed: 05-Sep-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 3rd. Qrtr. '03
Field ID: M8MW21
Lab ID: 3054113
Filename: 01274.D
Lab Project : 30541

Location: M8 Wells 3rd. Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 082803
Date Extracted: 8/28/2003
Date Analyzed: 05-Sep-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 3rd. Qrtr. '03
Field ID: M8MW22
Lab ID: 3054114
Filename: 01275.D
Lab Project : 30541

Location: M8 Wells 3rd. Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 082803
Date Extracted: 8/28/2003
Date Analyzed: 05-Sep-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	0.002	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 3rd. Qrtr. '03
Field ID: M8MW23
Lab ID: 3054115
Filename: 01276.D
Lab Project : 30541

Location: M8 Wells 3rd. Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 082803
Date Extracted: 8/28/2003
Date Analyzed: 05-Sep-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 3rd. Qrtr '03
Field ID: M8MW24
Lab ID: 3058004
Filename: 01305.D
Lab Project : 30580

Location: M8 Wells 3rd. Qrtr '03
MATRIX: Aqueous
Ext. Batch: 090903
Date Extracted: 9/9/2003
Date Analyzed: 12-Sep-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 3rd. Qrtr. '03
Field ID: 697 MW01
Lab ID: 3054116
Filename: 01277.D
Lab Project : 30541

Location: M8 Wells 3rd. Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 082803
Date Extracted: 8/28/2003
Date Analyzed: 05-Sep-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	0.021	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	0.230	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	0.230	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	0.025	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	0.540	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	0.220	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 30541
Sample Received: NA
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	09/15/03	115	200	200	21.8
Antimony	09/15/03	ND	20	20.0	3.70
Arsenic	09/15/03	ND	8	5.00	2.30
Barium	09/15/03	0.571	2000	5.00	0.50
Beryllium	09/15/03	ND	20	0.50	0.02
Cadmium	09/15/03	ND	4	2.00	0.40
Calcium	09/15/03	309	NLE	1000	65.0
Chromium	09/15/03	ND	100	5.00	1.00
Cobalt	09/15/03	ND	NLE	2.00	0.30
Copper	09/15/03	0.917	1000	5.00	0.30
Iron	09/15/03	ND	300	500	78.00
Lead	09/15/03	ND	10	5.00	0.80
Magnesium	09/15/03	13.1	NLE	1000	11.00
Manganese	09/15/03	ND	50	5.00	0.90
Mercury	09/16/03	ND	2	0.50	0.150
Nickel	09/15/03	ND	100	5.00	0.70
Potassium	09/15/03	2340	NLE	1000	25.0
Selenium	09/15/03	ND	50	20.0	4.80
Silver	09/15/03	ND	20	5.00	0.60
Sodium	09/15/03	ND	50000	5000	1160
Thallium	09/15/03	ND	10	10.0	1.90
Vanadium	09/15/03	ND	NLE	5.00	0.20
Zinc	09/15/03	3.74	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 30580
Sample Received: NA
Sample Matrix: Aqueous

Site: 108 Wells
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	09/16/03	51.9	200	200	21.8
Antimony	09/16/03	ND	20	20.0	3.70
Arsenic	09/16/03	ND	8	5.00	2.30
Barium	09/16/03	ND	2000	5.00	0.50
Beryllium	09/16/03	0.051	20	0.50	0.02
Cadmium	09/16/03	ND	4	2.00	0.40
Calcium	09/16/03	195	NLE	1000	65.0
Chromium	09/16/03	ND	100	5.00	1.00
Cobalt	09/16/03	ND	NLE	2.00	0.30
Copper	09/16/03	ND	1000	5.00	0.30
Iron	09/16/03	ND	300	500	78.0
Lead	09/16/03	1.02	10	5.00	0.80
Magnesium	09/16/03	ND	NLE	1000	11.0
Manganese	09/16/03	ND	50	5.00	0.90
Mercury	09/24/03	ND	2	0.50	0.05
Nickel	09/16/03	ND	100	5.00	0.70
Potassium	09/16/03	1270	NLE	1000	25.0
Selenium	09/16/03	ND	50	20.0	4.80
Silver	09/16/03	ND	20	5.00	0.60
Sodium	09/16/03	1340	50000	5000	1160
Thallium	09/16/03	ND	10	10.0	1.90
Vanadium	09/16/03	ND	NLE	5.00	0.20
Zinc	09/16/03	2.43	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3054102
Sample Received: 08/22/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: Field Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	09/15/03	ND	200	200	21.8
Antimony	09/15/03	ND	20	20.0	3.70
Arsenic	09/15/03	2.42	8	5.00	2.30
Barium	09/15/03	ND	2000	5.00	0.50
Beryllium	09/15/03	ND	20	0.50	0.02
Cadmium	09/15/03	ND	4	2.00	0.40
Calcium	09/15/03	93.4	NLE	1000	65.0
Chromium	09/15/03	ND	100	5.00	1.00
Cobalt	09/15/03	ND	NLE	2.00	0.30
Copper	09/15/03	0.759	1000	5.00	0.30
Iron	09/15/03	ND	300	500	78.00
Lead	09/15/03	ND	10	5.00	0.80
Magnesium	09/15/03	ND	NLE	1000	11.00
Manganese	09/15/03	ND	50	5.00	0.90
Mercury	09/16/03	ND	2	0.50	0.150
Nickel	09/15/03	ND	100	5.00	0.70
Potassium	09/15/03	721	NLE	1000	25.0
Selenium	09/15/03	ND	50	20.0	4.80
Silver	09/15/03	ND	20	5.00	0.60
Sodium	09/15/03	ND	50000	5000	1160
Thallium	09/15/03	ND	10	10.0	1.90
Vanadium	09/15/03	ND	NLE	5.00	0.20
Zinc	09/15/03	10.3	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3058002
Sample Received: 9/08/03
Sample Matrix: AQ

Site: M8

Field ID: Field Blank

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	09/16/03	ND	200	200	21.8
Antimony	09/16/03	ND	20	20.00	3.70
Arsenic	09/16/03	2.50	8	5.00	2.30
Barium	09/16/03	ND	2000	5.00	0.500
Beryllium	09/16/03	0.063	20	0.500	0.020
Cadmium	09/16/03	ND	4	2.00	0.400
Calcium	09/16/03	ND	NLE	1000	65.00
Chromium	09/16/03	ND	100	5.00	1.00
Cobalt	09/16/03	ND	NLE	2.00	0.300
Copper	09/16/03	ND	1000	5.00	0.300
Iron	09/16/03	ND	300	500	78.00
Lead	09/16/03	ND	10	5.00	0.800
Magnesium	09/16/03	ND	NLE	1000	11.00
Manganese	09/16/03	ND	50	5.00	0.900
Mercury	09/24/03	ND	2	0.500	0.05
Nickel	09/16/03	ND	100	5.00	0.700
Potassium	09/16/03	289	NLE	1000	25.00
Selenium	09/16/03	5.64	50	20.00	4.80
Silver	09/16/03	ND	20	5.00	0.600
Sodium	09/16/03	1310	50000	5000	1160
Thallium	09/16/03	ND	10	10.00	1.90
Vanadium	09/16/03	ND	NLE	5.00	0.200
Zinc	09/16/03	ND	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L. = Reporting limit. Note: The results reported between MDL and RL are estimated.

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3054103
Sample Received: 08/22/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: Duplicate

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	09/15/03	458	200	200	21.8
Antimony	09/15/03	ND	20	20.0	3.70
Arsenic	09/15/03	4.69	8	5.00	2.30
Barium	09/15/03	176	2000	5.00	0.50
Beryllium	09/15/03	ND	20	0.50	0.02
Cadmium	09/15/03	1.42	4	2.00	0.40
Calcium	09/15/03	292000 E	NLE	1000	65.0
Chromium	09/15/03	3.07	100	5.00	1.00
Cobalt	09/15/03	ND	NLE	2.00	0.30
Copper	09/15/03	13.7	1000	5.00	0.30
Iron	09/15/03	23600	300	500	78.00
Lead	09/15/03	1.20	10	5.00	0.80
Magnesium	09/15/03	97900	NLE	1000	11.00
Manganese	09/15/03	329	50	5.00	0.90
Mercury	09/16/03	ND	2	0.50	0.150
Nickel	09/15/03	6.12	100	5.00	0.70
Potassium	09/15/03	42500	NLE	1000	25.0
Selenium	09/15/03	17.6	50	20.0	4.80
Silver	09/15/03	ND	20	5.00	0.60
Sodium	09/15/03	695000	50000	5000	1160
Thallium	09/15/03	ND	10	10.0	1.90
Vanadium	09/15/03	2.25	NLE	5.00	0.20
Zinc	09/15/03	397	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3058003
Sample Received: 9/08/03
Sample Matrix: AQ

Site: M8

Field ID: Dupe

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	09/16/03	53.8	200	200	21.8
Antimony	09/16/03	ND	20	20.00	3.70
Arsenic	09/16/03	ND	8	5.00	2.30
Barium	09/16/03	175	2000	5.00	0.500
Beryllium	09/16/03	ND	20	0.500	0.020
Cadmium	09/16/03	ND	4	2.00	0.400
Calcium	09/16/03	56700	NLE	1000	65.00
Chromium	09/16/03	ND	100	5.00	1.00
Cobalt	09/16/03	ND	NLE	2.00	0.300
Copper	09/16/03	ND	1000	5.00	0.300
Iron	09/16/03	10900	300	500	78.00
Lead	09/16/03	2.29	10	5.00	0.800
Magnesium	09/16/03	9530	NLE	1000	11.00
Manganese	09/16/03	80.1	50	5.00	0.900
Mercury	09/24/03	ND	2	0.500	0.05
Nickel	09/16/03	ND	100	5.00	0.700
Potassium	09/16/03	11700	NLE	1000	25.00
Selenium	09/16/03	ND	50	20.00	4.80
Silver	09/16/03	ND	20	5.00	0.600
Sodium	09/16/03	35200	50000	5000	1160
Thallium	09/16/03	ND	10	10.00	1.90
Vanadium	09/16/03	0.634	NLE	5.00	0.200
Zinc	09/16/03	8.60	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L. = Reporting limit. Note: The results reported between MDL and RL are estimated.

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3054104
Sample Received: 08/22/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW12

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	09/15/03	264	200	200	21.8
Antimony	09/15/03	ND	20	20.0	3.70
Arsenic	09/15/03	7.08	8	5.00	2.30
Barium	09/15/03	29.9	2000	5.00	0.50
Beryllium	09/15/03	ND	20	0.50	0.02
Cadmium	09/15/03	3.97	4	2.00	0.40
Calcium	09/15/03	79700	NLE	1000	65.0
Chromium	09/15/03	2.57	100	5.00	1.00
Cobalt	09/15/03	ND	NLE	2.00	0.30
Copper	09/15/03	ND	1000	5.00	0.30
Iron	09/15/03	118000 E	300	500	78.00
Lead	09/15/03	3.52	10	5.00	0.80
Magnesium	09/15/03	26300	NLE	1000	11.00
Manganese	09/15/03	341	50	5.00	0.90
Mercury	09/16/03	ND	2	0.50	0.150
Nickel	09/15/03	1.70	100	5.00	0.70
Potassium	09/15/03	12100	NLE	1000	25.0
Selenium	09/15/03	ND	50	20.0	4.80
Silver	09/15/03	ND	20	5.00	0.60
Sodium	09/15/03	355000 E	50000	5000	1160
Thallium	09/15/03	ND	10	10.0	1.90
Vanadium	09/15/03	3.33	NLE	5.00	0.20
Zinc	09/15/03	10.6	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3054105
Sample Received: 08/022/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW13

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	09/15/03	447	200	200	21.8
Antimony	09/15/03	ND	20	20.0	3.70
Arsenic	09/15/03	4.01	8	5.00	2.30
Barium	09/15/03	171	2000	5.00	0.50
Beryllium	09/15/03	ND	20	0.50	0.02
Cadmium	09/15/03	1.46	4	2.00	0.40
Calcium	09/15/03	284000 E	NLE	1000	65.0
Chromium	09/15/03	3.55	100	5.00	1.00
Cobalt	09/15/03	ND	NLE	2.00	0.30
Copper	09/15/03	14.1	1000	5.00	0.30
Iron	09/15/03	22400	300	500	78.00
Lead	09/15/03	1.63	10	5.00	0.80
Magnesium	09/15/03	94700	NLE	1000	11.00
Manganese	09/15/03	319	50	5.00	0.90
Mercury	09/16/03	0.22	2	0.50	0.150
Nickel	09/15/03	6.64	100	5.00	0.70
Potassium	09/15/03	40800	NLE	1000	25.0
Selenium	09/15/03	15.6	50	20.0	4.80
Silver	09/15/03	ND	20	5.00	0.60
Sodium	09/15/03	655000 E	50000	5000	1160
Thallium	09/15/03	ND	10	10.0	1.90
Vanadium	09/15/03	1.97	NLE	5.00	0.20
Zinc	09/15/03	393	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3054106
Sample Received: 08/22/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW14

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	09/15/03	192	200	200	21.8
Antimony	09/15/03	ND	20	20.0	3.70
Arsenic	09/15/03	3.28	8	5.00	2.30
Barium	09/15/03	88.1	2000	5.00	0.50
Beryllium	09/15/03	0.060	20	0.50	0.02
Cadmium	09/15/03	2.62	4	2.00	0.40
Calcium	09/15/03	94100	NLE	1000	65.0
Chromium	09/15/03	2.10	100	5.00	1.00
Cobalt	09/15/03	ND	NLE	2.00	0.30
Copper	09/15/03	5.73	1000	5.00	0.30
Iron	09/15/03	16400	300	500	78.00
Lead	09/15/03	3.16	10	5.00	0.80
Magnesium	09/15/03	12100	NLE	1000	11.00
Manganese	09/15/03	184	50	5.00	0.90
Mercury	09/16/03	ND	2	0.50	0.150
Nickel	09/15/03	5.28	100	5.00	0.70
Potassium	09/15/03	15700	NLE	1000	25.0
Selenium	09/15/03	ND	50	20.0	4.80
Silver	09/15/03	ND	20	5.00	0.60
Sodium	09/15/03	31400	50000	5000	1160
Thallium	09/15/03	ND	10	10.0	1.90
Vanadium	09/15/03	5.65	NLE	5.00	0.20
Zinc	09/15/03	302	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3054107
Sample Received: 08/22/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW15

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	09/15/03	152	200	200	21.8
Antimony	09/15/03	ND	20	20.0	3.70
Arsenic	09/15/03	4.47	8	5.00	2.30
Barium	09/15/03	58.7	2000	5.00	0.50
Beryllium	09/15/03	ND	20	0.50	0.02
Cadmium	09/15/03	ND	4	2.00	0.40
Calcium	09/15/03	97800	NLE	1000	65.0
Chromium	09/15/03	2.54	100	5.00	1.00
Cobalt	09/15/03	0.888	NLE	2.00	0.30
Copper	09/15/03	9.20	1000	5.00	0.30
Iron	09/15/03	1640	300	500	78.00
Lead	09/15/03	ND	10	5.00	0.80
Magnesium	09/15/03	20700	NLE	1000	11.00
Manganese	09/15/03	108	50	5.00	0.90
Mercury	09/16/03	ND	2	0.50	0.150
Nickel	09/15/03	11.1	100	5.00	0.70
Potassium	09/15/03	11900	NLE	1000	25.0
Selenium	09/15/03	8.73	50	20.0	4.80
Silver	09/15/03	ND	20	5.00	0.60
Sodium	09/15/03	77700	50000	5000	1160
Thallium	09/15/03	ND	10	10.0	1.90
Vanadium	09/15/03	1.80	NLE	5.00	0.20
Zinc	09/15/03	28.2	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3054108
Sample Received: 08/22/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW16

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	09/15/03	21500	200	200	21.8
Antimony	09/15/03	4.21	20	20.0	3.70
Arsenic	09/15/03	9.09	8	5.00	2.30
Barium	09/15/03	158	2000	5.00	0.50
Beryllium	09/15/03	4.47	20	0.50	0.02
Cadmium	09/15/03	31.6	4	2.00	0.40
Calcium	09/15/03	213000 E	NLE	1000	65.0
Chromium	09/15/03	59.9	100	5.00	1.00
Cobalt	09/15/03	2.75	NLE	2.00	0.30
Copper	09/15/03	241	1000	5.00	0.30
Iron	09/15/03	76800	300	500	78.00
Lead	09/15/03	72.8	10	5.00	0.80
Magnesium	09/15/03	117000	NLE	1000	11.00
Manganese	09/15/03	864	50	5.00	0.90
Mercury	09/16/03	6.31	2	0.50	0.150
Nickel	09/15/03	34.2	100	5.00	0.70
Potassium	09/15/03	47000	NLE	1000	25.0
Selenium	09/15/03	ND	50	20.0	4.80
Silver	09/15/03	ND	20	5.00	0.60
Sodium	09/15/03	615000	50000	5000	1160
Thallium	09/15/03	ND	10	10.0	1.90
Vanadium	09/15/03	36.2	NLE	5.00	0.20
Zinc	09/15/03	590	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3054109
Sample Received: 08/22/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW17

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	09/15/03	392	200	200	21.8
Antimony	09/15/03	ND	20	20.0	3.70
Arsenic	09/15/03	9.61	8	5.00	2.30
Barium	09/15/03	147	2000	5.00	0.50
Beryllium	09/15/03	ND	20	0.50	0.02
Cadmium	09/15/03	0.747	4	2.00	0.40
Calcium	09/15/03	322000 E	NLE	1000	65.0
Chromium	09/15/03	3.36	100	5.00	1.00
Cobalt	09/15/03	1.34	NLE	2.00	0.30
Copper	09/15/03	8.82	1000	5.00	0.30
Iron	09/15/03	5360	300	500	78.00
Lead	09/15/03	1.06	10	5.00	0.80
Magnesium	09/15/03	31500	NLE	1000	11.00
Manganese	09/15/03	472	50	5.00	0.90
Mercury	09/16/03	ND	2	0.50	0.150
Nickel	09/15/03	1.13	100	5.00	0.70
Potassium	09/15/03	15000	NLE	1000	25.0
Selenium	09/15/03	25.3	50	20.0	4.80
Silver	09/15/03	ND	20	5.00	0.60
Sodium	09/15/03	38000	50000	5000	1160
Thallium	09/15/03	ND	10	10.0	1.90
Vanadium	09/15/03	3.83	NLE	5.00	0.20
Zinc	09/15/03	28.6	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3054110
Sample Received: 08/22/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW18

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	09/15/03	783	200	200	21.8
Antimony	09/15/03	ND	20	20.0	3.70
Arsenic	09/15/03	ND	8	5.00	2.30
Barium	09/15/03	511	2000	5.00	0.50
Beryllium	09/15/03	0.058	20	0.50	0.02
Cadmium	09/15/03	1.91	4	2.00	0.40
Calcium	09/15/03	147000	NLE	1000	65.0
Chromium	09/15/03	5.84	100	5.00	1.00
Cobalt	09/15/03	ND	NLE	2.00	0.30
Copper	09/15/03	6.75	1000	5.00	0.30
Iron	09/15/03	21700	300	500	78.00
Lead	09/15/03	22.1	10	5.00	0.80
Magnesium	09/15/03	46200	NLE	1000	11.00
Manganese	09/15/03	632	50	5.00	0.90
Mercury	09/16/03	ND	2	0.50	0.150
Nickel	09/15/03	1.22	100	5.00	0.70
Potassium	09/15/03	41300	NLE	1000	25.0
Selenium	09/15/03	8.60	50	20.0	4.80
Silver	09/15/03	ND	20	5.00	0.60
Sodium	09/15/03	159000 E	50000	5000	1160
Thallium	09/15/03	ND	10	10.0	1.90
Vanadium	09/15/03	4.43	NLE	5.00	0.20
Zinc	09/15/03	185	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3054111
Sample Received: 08/22/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW19

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	09/15/03	105	200	200	21.8
Antimony	09/15/03	ND	20	20.0	3.70
Arsenic	09/15/03	ND	8	5.00	2.30
Barium	09/15/03	37.9	2000	5.00	0.50
Beryllium	09/15/03	0.082	20	0.50	0.02
Cadmium	09/15/03	1.17	4	2.00	0.40
Calcium	09/15/03	87000	NLE	1000	65.0
Chromium	09/15/03	1.31	100	5.00	1.00
Cobalt	09/15/03	ND	NLE	2.00	0.30
Copper	09/15/03	1.07	1000	5.00	0.30
Iron	09/15/03	18100	300	500	78.00
Lead	09/15/03	ND	10	5.00	0.80
Magnesium	09/15/03	14200	NLE	1000	11.00
Manganese	09/15/03	140	50	5.00	0.90
Mercury	09/16/03	ND	2	0.50	0.150
Nickel	09/15/03	1.94	100	5.00	0.70
Potassium	09/15/03	7260	NLE	1000	25.0
Selenium	09/15/03	ND	50	20.0	4.80
Silver	09/15/03	ND	20	5.00	0.60
Sodium	09/15/03	88200	50000	5000	1160
Thallium	09/15/03	ND	10	10.0	1.90
Vanadium	09/15/03	1.18	NLE	5.00	0.20
Zinc	09/15/03	64.1	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3054112
Sample Received: 08/22/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW20

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	09/15/03	485	200	200	21.8
Antimony	09/15/03	ND	20	20.0	3.70
Arsenic	09/15/03	ND	8	5.00	2.30
Barium	09/15/03	13.3	2000	5.00	0.50
Beryllium	09/15/03	0.091	20	0.50	0.02
Cadmium	09/15/03	5.62	4	2.00	0.40
Calcium	09/15/03	17500	NLE	1000	65.0
Chromium	09/15/03	37.1	100	5.00	1.00
Cobalt	09/15/03	1.33	NLE	2.00	0.30
Copper	09/15/03	7.30	1000	5.00	0.30
Iron	09/15/03	4190	300	500	78.00
Lead	09/15/03	1.02	10	5.00	0.80
Magnesium	09/15/03	46700	NLE	1000	11.00
Manganese	09/15/03	15.3	50	5.00	0.90
Mercury	09/16/03	ND	2	0.50	0.150
Nickel	09/15/03	3.18	100	5.00	0.70
Potassium	09/15/03	32400	NLE	1000	25.0
Selenium	09/15/03	ND	50	20.0	4.80
Silver	09/15/03	ND	20	5.00	0.60
Sodium	09/15/03	363000	50000	5000	1160
Thallium	09/15/03	ND	10	10.0	1.90
Vanadium	09/15/03	23.4	NLE	5.00	0.20
Zinc	09/15/03	226	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3054113
Sample Received: 08/22/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW21

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	09/15/03	659	200	200	21.8
Antimony	09/15/03	ND	20	20.0	3.70
Arsenic	09/15/03	7.70	8	5.00	2.30
Barium	09/15/03	12.3	2000	5.00	0.50
Beryllium	09/15/03	0.157	20	0.50	0.02
Cadmium	09/15/03	0.505	4	2.00	0.40
Calcium	09/15/03	19800	NLE	1000	65.0
Chromium	09/15/03	10.5	100	5.00	1.00
Cobalt	09/15/03	1.31	NLE	2.00	0.30
Copper	09/15/03	7.85	1000	5.00	0.30
Iron	09/15/03	6420	300	500	78.00
Lead	09/15/03	6.99	10	5.00	0.80
Magnesium	09/15/03	33400	NLE	1000	11.00
Manganese	09/15/03	126	50	5.00	0.90
Mercury	09/16/03	ND	2	0.50	0.150
Nickel	09/15/03	2.25	100	5.00	0.70
Potassium	09/15/03	23400	NLE	1000	25.0
Selenium	09/15/03	ND	50	20.0	4.80
Silver	09/15/03	ND	20	5.00	0.60
Sodium	09/15/03	357000 E	50000	5000	1160
Thallium	09/15/03	ND	10	10.0	1.90
Vanadium	09/15/03	11.7	NLE	5.00	0.20
Zinc	09/15/03	53.8	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3054114
Sample Received: 08/22/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW22

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	09/15/03	587	200	200	21.8
Antimony	09/15/03	ND	20	20.0	3.70
Arsenic	09/15/03	ND	8	5.00	2.30
Barium	09/15/03	36.2	2000	5.00	0.50
Beryllium	09/15/03	ND	20	0.50	0.02
Cadmium	09/15/03	1.52	4	2.00	0.40
Calcium	09/15/03	174000	NLE	1000	65.0
Chromium	09/15/03	3.64	100	5.00	1.00
Cobalt	09/15/03	ND	NLE	2.00	0.30
Copper	09/15/03	7.49	1000	5.00	0.30
Iron	09/15/03	13700	300	500	78.00
Lead	09/15/03	ND	10	5.00	0.80
Magnesium	09/15/03	137000	NLE	1000	11.00
Manganese	09/15/03	106	50	5.00	0.90
Mercury	09/16/03	ND	2	0.50	0.150
Nickel	09/15/03	6.80	100	5.00	0.70
Potassium	09/15/03	ND	NLE	1000	25.0
Selenium	09/15/03	13.7	50	20.0	4.80
Silver	09/15/03	ND	20	5.00	0.60
Sodium	09/15/03	913000	50000	5000	1160
Thallium	09/15/03	ND	10	10.0	1.90
Vanadium	09/15/03	2.89	NLE	5.00	0.20
Zinc	09/15/03	277	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3054115
Sample Received: 08/22/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW23

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	09/15/03	599	200	200	21.8
Antimony	09/15/03	ND	20	20.0	3.70
Arsenic	09/15/03	10.1	8	5.00	2.30
Barium	09/15/03	75.8	2000	5.00	0.50
Beryllium	09/15/03	0.109	20	0.50	0.02
Cadmium	09/15/03	0.723	4	2.00	0.40
Calcium	09/15/03	31200	NLE	1000	65.0
Chromium	09/15/03	5.12	100	5.00	1.00
Cobalt	09/15/03	1.79	NLE	2.00	0.30
Copper	09/15/03	14.7	1000	5.00	0.30
Iron	09/15/03	4110	300	500	78.00
Lead	09/15/03	42.6	10	5.00	0.80
Magnesium	09/15/03	5820	NLE	1000	11.00
Manganese	09/15/03	430	50	5.00	0.90
Mercury	09/16/03	0.19	2	0.50	0.150
Nickel	09/15/03	5.26	100	5.00	0.70
Potassium	09/15/03	5590	NLE	1000	25.0
Selenium	09/15/03	ND	50	20.0	4.80
Silver	09/15/03	ND	20	5.00	0.60
Sodium	09/15/03	15100	50000	5000	1160
Thallium	09/15/03	ND	10	10.0	1.90
Vanadium	09/15/03	3.82	NLE	5.00	0.20
Zinc	09/15/03	2570	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3058004
Sample Received: 9/08/03
Sample Matrix: AQ

Site: M8

Field ID: M8MW24

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	09/16/03	33.4	200	200	21.8
Antimony	09/16/03	ND	20	20.00	3.70
Arsenic	09/16/03	ND	8	5.00	2.30
Barium	09/16/03	173	2000	5.00	0.500
Beryllium	09/16/03	0.037	20	0.500	0.020
Cadmium	09/16/03	0.452	4	2.00	0.400
Calcium	09/16/03	56200	NLE	1000	65.00
Chromium	09/16/03	ND	100	5.00	1.00
Cobalt	09/16/03	ND	NLE	2.00	0.300
Copper	09/16/03	ND	1000	5.00	0.300
Iron	09/16/03	10800	300	500	78.00
Lead	09/16/03	1.28	10	5.00	0.800
Magnesium	09/16/03	9420	NLE	1000	11.00
Manganese	09/16/03	79.2	50	5.00	0.900
Mercury	09/24/03	ND	2	0.500	0.05
Nickel	09/16/03	ND	100	5.00	0.700
Potassium	09/16/03	11600	NLE	1000	25.00
Selenium	09/16/03	ND	50	20.00	4.80
Silver	09/16/03	ND	20	5.00	0.600
Sodium	09/16/03	35000	50000	5000	1160
Thallium	09/16/03	ND	10	10.00	1.90
Vanadium	09/16/03	0.462	NLE	5.00	0.200
Zinc	09/16/03	4.98	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L. = Reporting limit. Note: The results reported between MDL and RL are estimated.

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3054116
Sample Received: 08/22/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: 697MW01

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	09/15/03	195	200	200	21.8
Antimony	09/15/03	ND	20	20.0	3.70
Arsenic	09/15/03	2.45	8	5.00	2.30
Barium	09/15/03	29.7	2000	5.00	0.50
Beryllium	09/15/03	0.067	20	0.50	0.02
Cadmium	09/15/03	0.925	4	2.00	0.40
Calcium	09/15/03	19400	NLE	1000	65.0
Chromium	09/15/03	2.38	100	5.00	1.00
Cobalt	09/15/03	3.58	NLE	2.00	0.30
Copper	09/15/03	1.10	1000	5.00	0.30
Iron	09/15/03	2590	300	500	78.00
Lead	09/15/03	ND	10	5.00	0.80
Magnesium	09/15/03	7020	NLE	1000	11.00
Manganese	09/15/03	24.9	50	5.00	0.90
Mercury	09/16/03	ND	2	0.50	0.150
Nickel	09/15/03	15.2	100	5.00	0.70
Potassium	09/15/03	4030	NLE	1000	25.0
Selenium	09/15/03	ND	50	20.0	4.80
Silver	09/15/03	ND	20	5.00	0.60
Sodium	09/15/03	44200	50000	5000	1160
Thallium	09/15/03	ND	10	10.0	1.90
Vanadium	09/15/03	1.39	NLE	5.00	0.20
Zinc	09/15/03	13.3	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

	Lab	2-Butan one	Tetra chloro ethene	Aluminum	Iron	Manganese	Sodium	Arsenic	Lead	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	300	1	200	300	50	50000	8	10	-	-
06/24/1997	FMETL	ND	5.04	56	370	22	38400	-	-	9.45	V,S,P,M
08/25/1997	FMETL	ND	4.96	170.4	760	43	32350	-	-	9.80	V,S,P,M
10/31/1997	FMETL	ND	7.64	182	19	7.7	18610	-	-	10.10	V,S,P,M
02/25/1998	FMETL	ND	2.25	7205	18860	34.8	15640	-	-	7.31	V,S,P,M
06/04/1998	FMETL	ND	5.49	1210	6520	14.1	16820	-	-	8.41	V,S,P,M
08/28/1998	FMETL	2.50	5.56	6580	18800	55.5	30700	-	-	10.29	V,S,P,M
11/04/1998	FMETL	ND	21.68	1110	3360	13	22100	-	-	10.86	V,S,P,M
01/27/1999	FMETL	ND	4.27	5040	16700	27.3	20800	ND	3	8.84	V,S,P,M
06/22/1999	FMETL	2.89	46.06	197	1380	13.6	38000	ND	ND	9.91	V,S,P,M
09/23/1999	FMETL	ND	11.77	1930	5190	12.9	25000	ND	ND	9.52	V,S,P,M
12/28/1999	FMETL	ND	19.76	ND	144	6.80	24100	ND	ND	8.76	V,S,P,M
03/15/2000	FMETL	ND	15.64	1240	3860	12.0	16800	ND	ND	8.86	V,S,P,M
06/05/2000	FMETL	ND	10.89	355	3090	12.4	36400	ND	ND	9.28	V,S,P,M
06/05/2000D	FMETL	ND	6.66	253	2970	12.1	36200	ND	ND	9.28	V,S,P,M
09/06/2000	FMETL	ND	7.63	1760	8540	13.9	43600	3.59	ND	9.06	V,S,P,M
09/06/2000D	FMETL	ND	6.93	1410	8760	17.0	44600	2.68	1.40	9.06	V,S,P,M
12/13/2000	FMETL	ND	3.42	401	2100	6.29	27000	ND	ND	9.86	V,S,P,M
12/13/2000D	FMETL	ND	6.68	434	2320	6.77	26900	ND	ND	9.86	V,S,P,M
03/20/2001	FMETL	ND	4.72	870	3420	19.3	29800	ND	3.00	8.54	V,S,P,M
06/08/2001	FMETL	ND	6.59	508	14000	136	82300	5.65	1.46	8.47	V,S,P,M
06/08/2001D	FMETL	ND	6.41	409	13500	135	82200	6.64	1.53	8.47	V,S,P,M
09/24/2001	FMETL	ND	7.24	2530	23300	148	125000	ND	2.97	10.30	V,S,P,M
12/17/2001	FMETL	ND	25.43	290	14800	67.8	101000	ND	2.08	10.81	V,S,P,M
12/17/2001D	FMETL	ND	15.60	328	15200	63.8	97500	3.41	3.23	10.81	V,S,P,M
03/21/2002	FMETL	ND	29.19	568	4750	19.6	74000	4.44	ND	9.49	V,S,P,M
06/11/2002	FMETL	ND	29.04	553	3890	21.1	62700	ND	ND	8.75	V,S,P,M
09/23/2002	FMETL	14.04	11.44	847	42100	156	51200	16.8	3.78	9.42	V,S,P,M
12/13/2002	FMETL	59.80	9.51	133	24900	64.2	50400	6.46	ND	8.08	V,S,P,M
03/21/2003	FMETL	2.78	4.45	80.3	5310	20.6	24700	4.30	ND	8.30	V,S,P,M
05/30/2003	FMETL	ND	3.10	4000	27900	62.6	51900	3.05	8.61	8.52	V,S,P,M
08/22/2003	FMETL	9.29	ND	264	118000E	341	355000E	7.08	3.52	9.34	V,S,P,M

SOURCE: 00M8MW12

Sampling Dates:
06/24/1997 - 08/22/2003

NOTES:

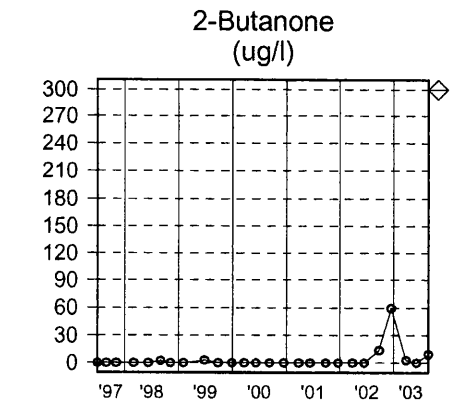
FORT MONMOUTH

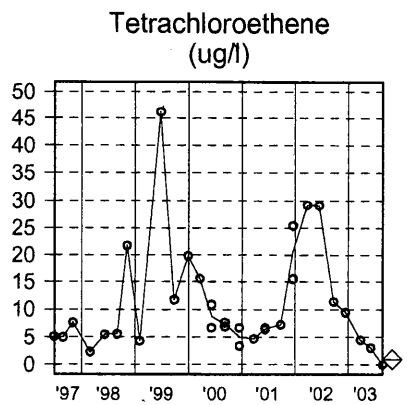
GW MONITORING
M-8 Bldg 697

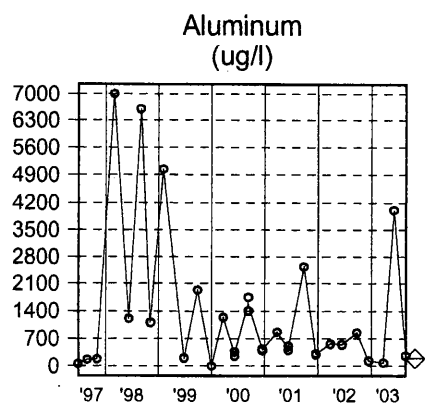
Source 1 of 14

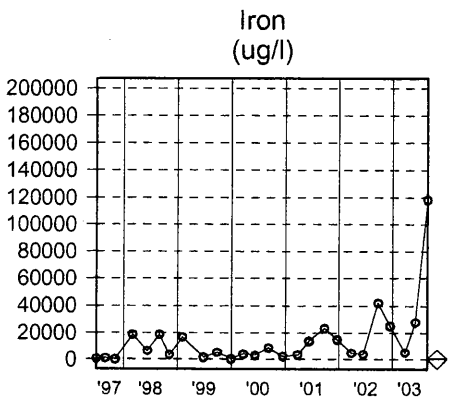
Silver in blank > Criteria, sample date 6/97.

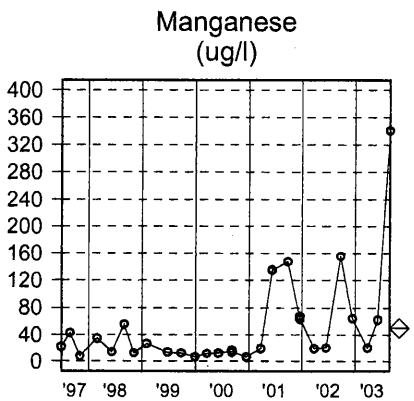
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

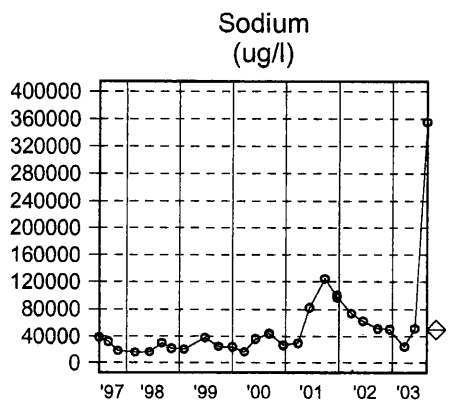


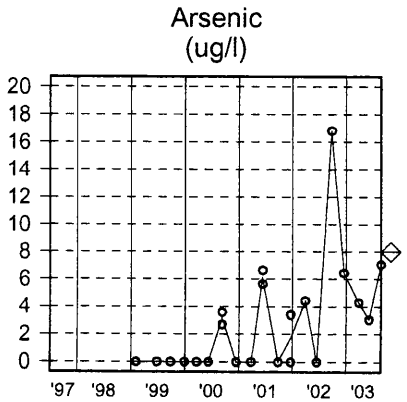


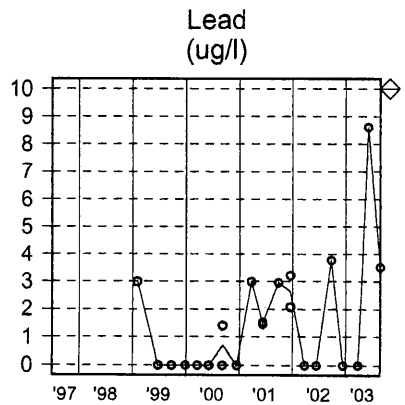


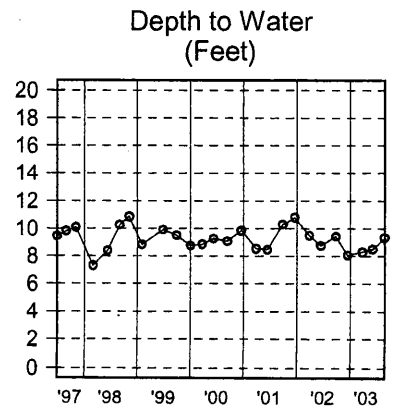












SOURCE: 00M8MW12

Sampling Dates:
06/24/1997 - 08/22/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 1 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-30-2003 X:\MtechData\M-8\M8.WSF

	Lab	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Mercury	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	200	300	50	50000	8	100	10	2	-	-
06/24/1997	FMETL	364	23650	148	1083000	-	-	-		7.00	V,S,P,M
08/25/1997	FMETL	661	21830	135	155200	-	-	-	-	7.00	V,S,P,M
10/31/1997	FMETL	231	12560	234	3854000	-	-	-	-	7.00	V,S,P,M
02/25/1998	FMETL	3514	12190	35.5	113900	-	-	-	-	5.95	V,S,P,M
06/04/1998	FMETL	2039	41310	170	13970	-	-	-	-	6.71	V,S,P,M
08/28/1998	FMETL	225	24800	165	3540000	-	-	-	-	6.42	V,S,P,M
11/04/1998	FMETL	292	18300	160	4500000	-	-	-	-	6.17	V,S,P,M
01/27/1999	FMETL	577	5640	30.5	139000	ND	7.72	3.61	0.2	6.51	V,S,P,M
06/22/1999	FMETL	1720	26200	204	2800000	3.12	3.05	ND	ND	6.78	V,S,P,M
09/23/1999	FMETL	138	14400	149	1420000	ND	11.1	3.76	ND	6.30	V,S,P,M
12/28/1999	FMETL	360	6410	14.3	204000	ND	7.09	5.96	0.1	6.83	V,S,P,M
03/15/2000	FMETL	815	6950	9.23	131000	2.31	8.32	4.14	ND	6.62	V,S,P,M
06/05/2000	FMETL	141	13900	207	364000	3.01	22.4	ND	ND	6.05	V,S,P,M
09/06/2000	FMETL	642	12300	65.0	489000	2.59	ND	27.0	0.13	6.66	V,S,P,M
12/13/2000	FMETL	1490	15600	70.9	379000	7.46	18.4	10.6	0.22	7.12	V,S,P,M
03/20/2001	FMETL	870	3440	19.2	29500	ND	8.90	1.00	ND	6.56	V,S,M,P
06/08/2001	FMETL	1180	42800	561	364000	6.69	7.62	31.2	0.34	6.76	V,S,P,M
09/24/2001	FMETL	660	64900	636	2570000	ND	9.64	6.13	ND	6.84	V,S,P,M
12/17/2001	FMETL	1270	68700	409	ND	6.01	10.0	29.3	0.20	5.64	V,S,P,M
03/21/2002	FMETL	506	3430	25.1	240000	4.37	3.47	4.62	0.18	6.47	V,S,P,M
06/11/2002	FMETL	883	5770	97.4	504000	ND	6.88	8.08	0.16	6.40	V,S,P,M
09/23/2002	FMETL	179	38200	421	2110000	ND	5.43	5.99	ND	5.58	V,S,P,M
12/10/2002	FMETL	12.6	5940	204	700000	ND	2.41	ND	0.13	5.21	V,S,P,M
03/21/2003	FMETL	222	16400	4.35	179000	3.27	2.10	9.38	ND	6.29	V,S,P,M
05/30/2003	FMETL	1810	11200	54.5	251000	2.34	10.5	9.56	ND	6.55	V,S,P,M
08/22/2003	FMETL	447	22400	319	655000E	4.01	3.55	1.63	0.22	6.67	V,S,P,M

SOURCE: 00M8MW13

Sampling Dates:
06/24/1997 - 08/22/2003

NOTES:

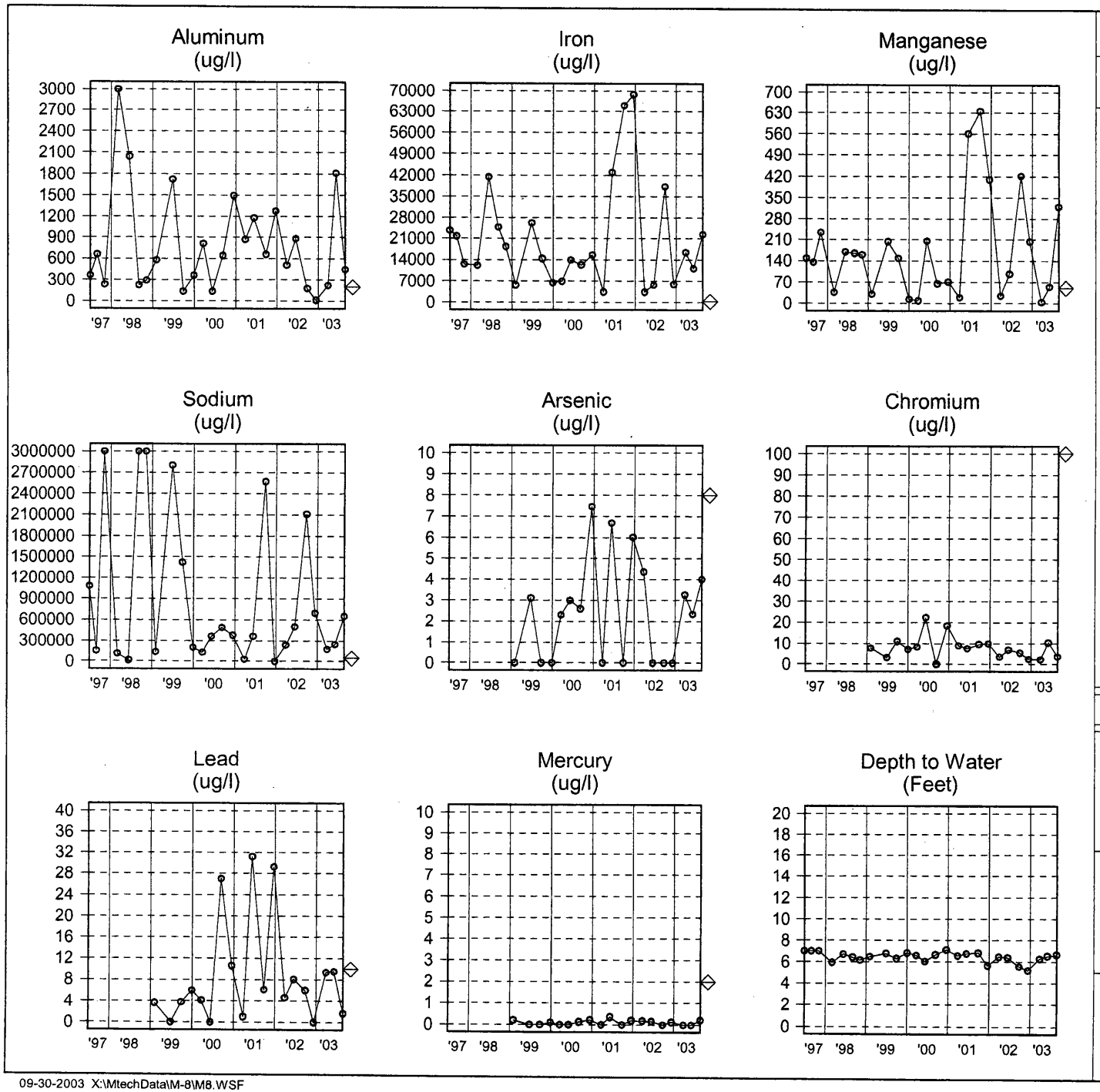
FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 2 of 14

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 00M8MW13

Sampling Dates:
06/24/1997 - 08/22/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 2 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-30-2003 X:\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	4	200	300	50	50000	8	100	10	-	-
06/24/1997	FMETL	16	227	47000	288	179000	-	-	-	8.05	V,S,P,M
08/25/1997	FMETL	6.49	65	20880	549	125800	-	-	-	8.15	V,S,P,M
10/31/1997	FMETL	4.38	203	25450	340	182300	-	-	-	8.30	V,S,P,M
02/25/1998	FMETL	4.97	1029	33710	366	109200	-	-	-	6.22	V,S,P,M
06/04/1998	FMETL	7.79	727	43420	332	204600	-	-	-	7.68	V,S,P,M
08/28/1998	FMETL	6.47	275	34800	315	288000	-	-	-	8.34	V,S,P,M
11/04/1998	FMETL	6.21	226	41900	380	447000	-	-	-	8.19	V,S,P,M
01/27/1999	FMETL	3.95	215	37400	402	195000	ND	10.6	2.73	7.45	V,S,P,M
06/22/1999	FMETL	5.12	685	33000	306	342000	ND	8.47	ND	8.25	V,S,P,M
09/23/1999	FMETL	4.43	246	26600	296	215000	ND	8.86	5.89	7.57	V,S,P,M
12/28/1999	FMETL	ND	1480	26900	90.9	19300	ND	12.0	15.9	7.99	V,S,P,M
03/15/2000	FMETL	2.91	396	21000	236	93700	ND	7.34	ND	7.64	V,S,P,M
06/05/2000	FMETL	ND	447	11600	58.9	15000	ND	8.33	4.59	7.86	V,S,P,M
09/06/2000	FMETL	3.03	369	17200	284	132000	ND	ND	17.2	7.53	V,S,P,M
12/13/2000	FMETL	1.75	1350	29600	262	152000	ND	15.1	10.2	8.18	V,S,P,M
03/20/2001	FMETL	1.34	4460	34400	206	109000	10.0	38.1	15.0	7.78	V,S,P,M
06/08/2001	FMETL	ND	217	1790	84.4	6050	ND	2.14	2.71	7.88	V,S,P,M
09/24/2001	FMETL	ND	103	10900	237	32400	ND	1.92	ND	7.91	V,S,P,M
12/17/2001	FMETL	1.03	ND	19700	408	93700	ND	ND	3.52	8.16	V,S,P,M
03/21/2002	FMETL	ND	454	981	15.6	4880	2.78	2.74	1.55	6.47	V,S,P,M
06/11/2002	FMETL	ND	207	2870	125	4840	ND	2.44	ND	7.68	V,S,P,M
09/23/2002	FMETL	ND	118	16200	812	14600	2.51	1.68	3.14	9.70	V,S,P,M
12/10/2002	FMETL	ND	49.3	4940	235	18500	ND	1.16	ND	8.31	V,S,P,M
03/21/2003	FMETL	ND	311	12700	31.1	4850	4.99	1.80	4.52	6.51	V,S,P,M
05/30/2003	FMETL	ND	237	3960	89.5	2280	3.14	2.01	5.74	6.45	V,S,P,M
08/22/2003	FMETL	0.70	192	16400	184	31400	3.28	2.10	3.16	8.00	V,S,P,M

SOURCE: 00M8MW14

Sampling Dates:
06/24/1997 - 08/22/2003

NOTES:

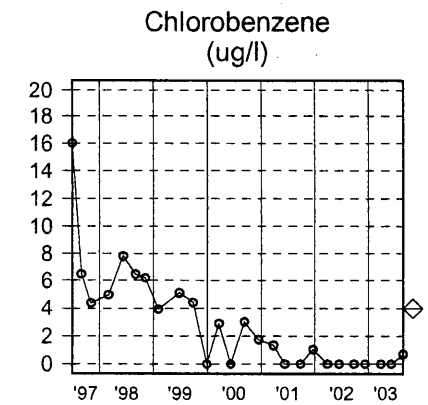
FORT MONMOUTH

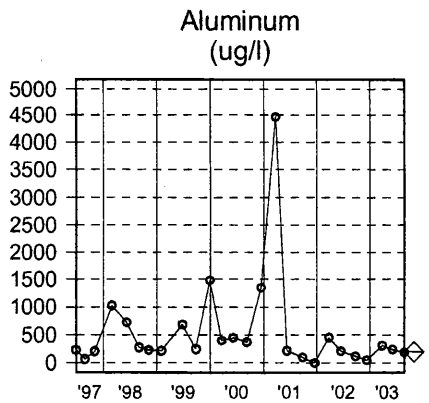
GW MONITORING
M-8 Bldg 697

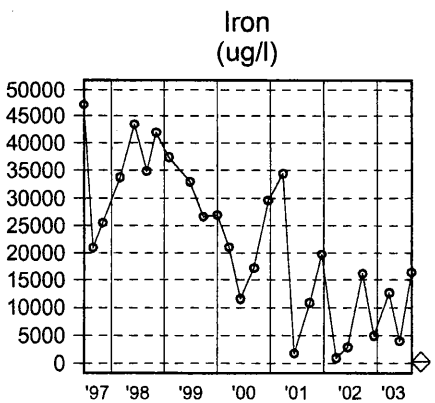
Source 3 of 14

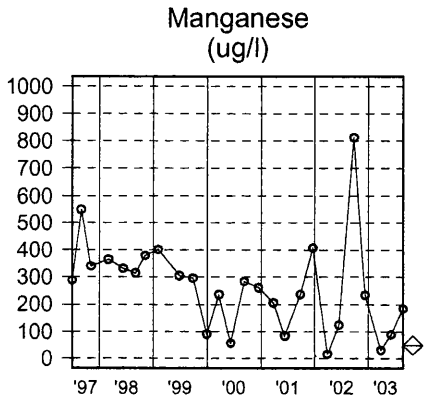
Silver in blank > Criteria, sample date 6/97.

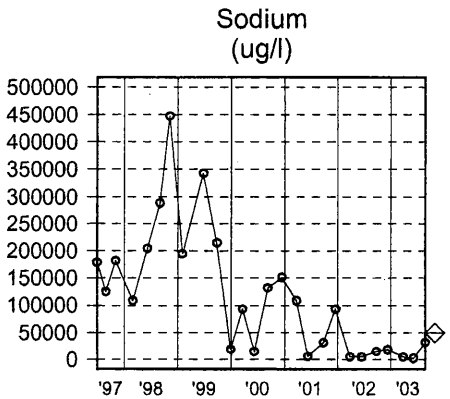
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

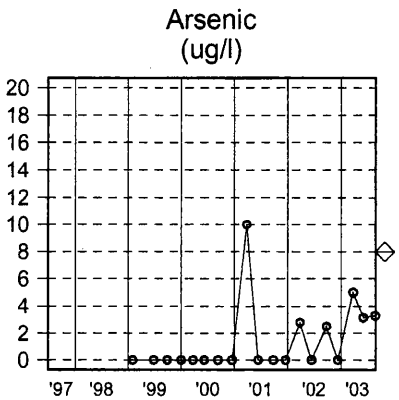


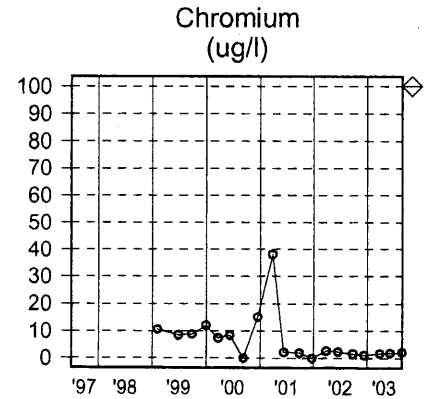


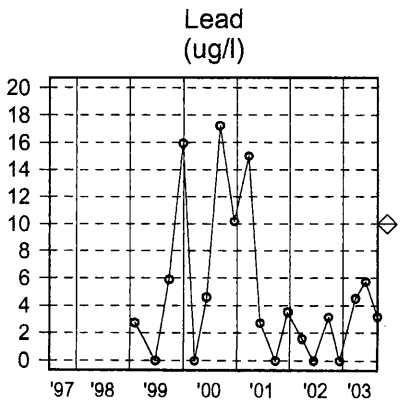


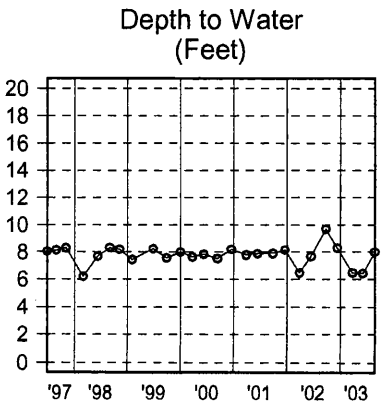












SOURCE: 00M8MW14

Sampling Dates:
06/24/1997 - 08/22/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 3 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-30-2003 X:\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	4	200	300	50	50000	8	100	10	-	-
06/24/1997	FMETL	13.7	136	9670	239	200400	-	-	-	6.50	V,S,P,M
08/25/1997	FMETL	9.30	57.7	14870	348	224700	-	-	-	6.00	V,S,P,M
10/31/1997	FMETL	6.44	515	7332	267	147500	-	-	-	6.80	V,S,P,M
02/25/1998	FMETL	ND	777	15210	508	84840	-	-	-	3.50	V,S,P,M
06/04/1998	FMETL	12.09	318	15770	364	116500	-	-	-	4.76	V,S,P,M
08/28/1998	FMETL	17.78	194	9240	247	314000	-	-	-	5.67	V,S,P,M
11/04/1998	FMETL	29.43	140	8740	357	326000	-	-	-	5.78	V,S,P,M
01/27/1999	FMETL	ND	341	3150	106	46400	ND	8.25	2.79	3.86	V,S,P,M
06/22/1999	FMETL	16.16	258	14700	252	266000	4.69	7.46	ND	5.69	V,S,P,M
09/23/1999	FMETL	2.91	23.1	2950	73.4	120000	3.10	6.64	3.38	5.23	V,S,P,M
12/28/1999	FMETL	5.17	101	7800	123	68900	ND	5.74	2.58	5.28	V,S,P,M
03/15/2000	FMETL	ND	1670	6090	76.7	72700	3.21	17.6	7.19	4.68	V,S,P,M
06/05/2000	FMETL	ND	932	4360	136	67100	ND	13.7	4.11	6.21	V,S,P,M
09/06/2000	FMETL	6.63	528	6610	211	144000	2.37	ND	ND	5.12	V,S,P,M
12/13/2000	FMETL	35.03	571	21600	345	228000	ND	9.00	ND	5.87	V,S,P,M
03/20/2001	FMETL	12.4	350	14300	313	156000	13.0	10.3	ND	4.56	V,S,P,M
06/08/2001	FMETL	4.14	321	2430	71.2	104000	ND	3.72	4.36	5.62	V,S,P,M
12/17/2001	FMETL	5.93	ND	12900	250	833000	2.76	2.27	5.93	5.98	V,S,P,M
03/21/2002	FMETL	ND	5500	15100	46.3	96500	11.5	40.6	16.0	4.22	V,S,P,M
06/11/2002	FMETL	2.15	4910	20500	81.9	113000	5.91	41.8	14.3	5.55	V,S,P,M
09/25/2002	FMETL	25.81	89.5	8130	157	167000	10.4	2.63	1.71	5.45	V,S,P,M
12/13/2002	FMETL	ND	171	4240	39.2	37600	ND	1.89	ND	6.06	V,S,P,M
03/21/2003	FMETL	ND	158	2390	54.2	39200	ND	2.15	2.56	3.77	V,S,P,M
05/30/2003	FMETL	ND	275	1020	120	64200	ND	3.22	2.03	4.74	V,S,P,M
08/22/2003	FMETL	5.10	152	1640	108	77700	4.47	2.54	ND	5.75	V,S,P,M

SOURCE: 00M8MW15

Sampling Dates:
06/24/1997 - 08/22/2003

NOTES:

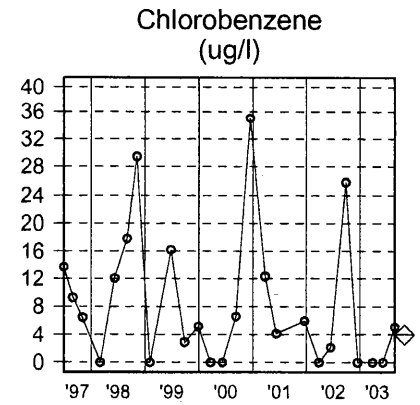
FORT MONMOUTH

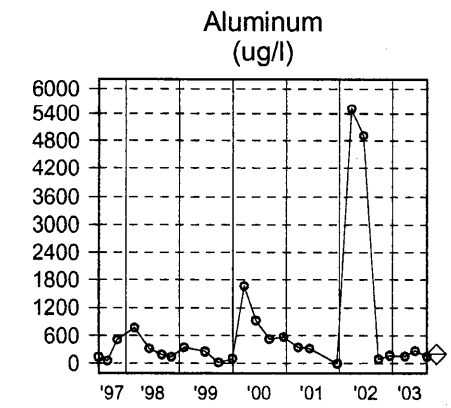
GW MONITORING
M-8 Bldg 697

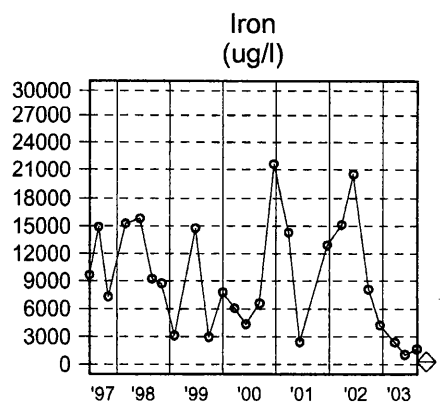
Source 4 of 14

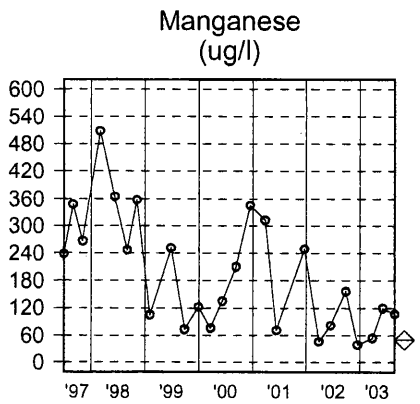
Silver in blank > Criteria, sample date 6/97.

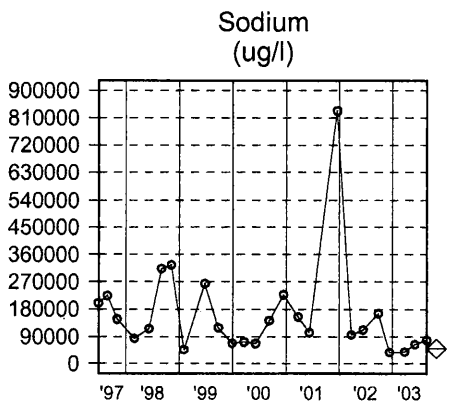
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

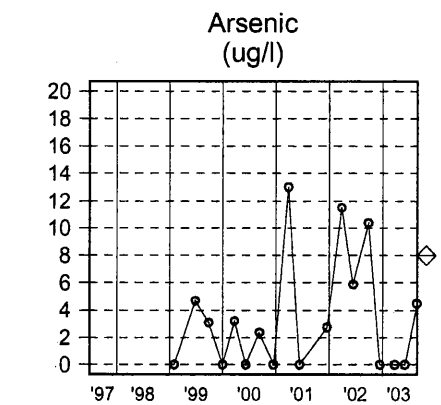


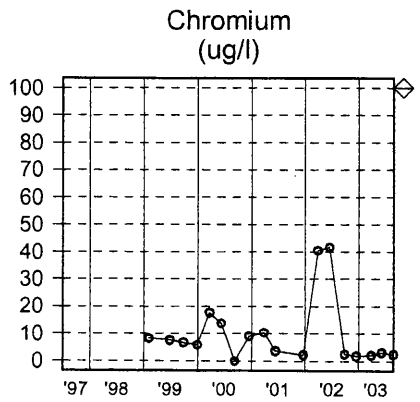


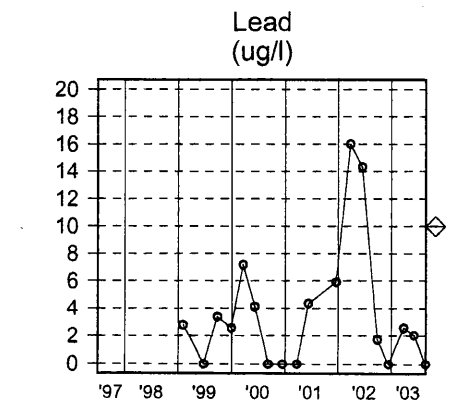


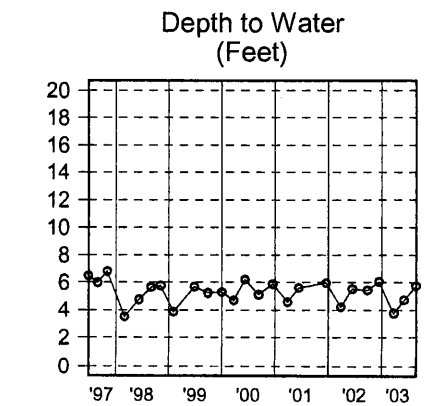












SOURCE: 00M8MW15

Sampling Dates:
06/24/1997 - 08/22/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 4 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-30-2003 X:\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	4	200	300	50	50000	8	100	10	-	-
09/23/1998	FMETL	1.16	20200	86100	1420	3860000	36	137	256	8.93	V,S,P,M
10/20/1998	FMETL	ND	200	30200	838	2710000	3.51	16.2	12.2	8.55	V,S,P,M
01/27/1999	FMETL	1.12	1230	20800	611	933000	3.73	17.5	6.01	8.67	V,S,P,M
06/22/1999	FMETL	18.38	1480	50800	1290	191000	3.80	10.3	3.41	8.52	V,S,P,M
09/23/1999	FMETL	1.74	20500	26000	1710	188000	5.68	37.8	20.0	8.23	V,S,P,M
12/28/1999	FMETL	ND	29800	49600	945	127000	7.71	65.4	45.2	8.74	V,S,P,M
03/15/2000	FMETL	ND	4970	29300	449	27600	3.61	12.6	4.77	8.03	V,S,P,M
06/05/2000	FMETL	ND	4400	28500	573	146000	5.34	26.7	11.7	8.06	V,S,P,M
09/06/2000	FMETL	14.92	10500	58800	1770	437000	11.1	43.5	39.5	8.27	V,S,P,M
12/13/2000	FMETL	ND	3330	21800	308	92000	7.43	24.9	18.3	8.73	V,S,P,M
03/20/2001	FMETL	ND	7670	44700	144	24100	14.0	42.8	15.0	8.25	V,S,P,M
06/08/2001	FMETL	1.02	1490	40800	926	107000	4	5.50	12.2	8.43	V,S,P,M
09/24/2001	FMETL	2.55	5440	56800	1140	606000	3.88	30.7	22.6	8.71	V,S,P,M
12/17/2001	FMETL	ND	7700	78700	932	864000	11.1	40.3	218	8.73	V,S,P,M
03/21/2002	FMETL	ND	2340	24200	802	234000	5.01	5.68	5.11	7.58	V,S,P,M
06/11/2002	FMETL	ND	11400	33400	477	113000	6.76	20.6	30.5	8.24	V,S,P,M
09/25/2002	FMETL	8.72	8260	34000	1920	300000	12.9	20.3	15.0	8.41	V,S,P,M
12/13/2002	FMETL	2.02	1440	7560	738	119000	ND	2.84	ND	5.31	V,S,P,M
03/21/2003	FMETL	6.49	4460	61000	754	101000	ND	4.25	11.2	7.73	V,S,P,M
05/30/2003	FMETL	ND	4610	6730	177	5610	ND	8.46	18.2	7.75	V,S,P,M
08/22/2003	FMETL	24.09	21500	76800	864	615000	9.09	59.9	72.8	7.94	V,S,P,M

SOURCE: 00M8MW16

Sampling Dates:
09/23/1998 - 08/22/2003

NOTES:

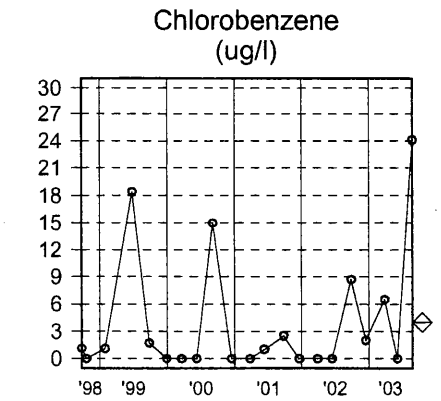
FORT MONMOUTH

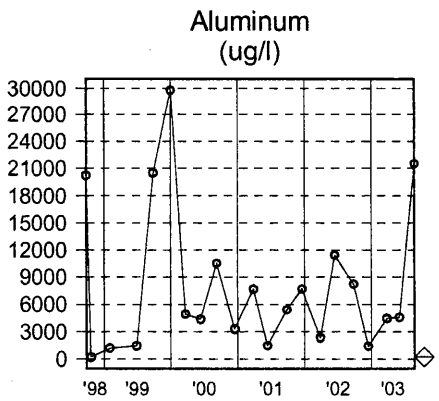
GW MONITORING
M-8 Bldg 697

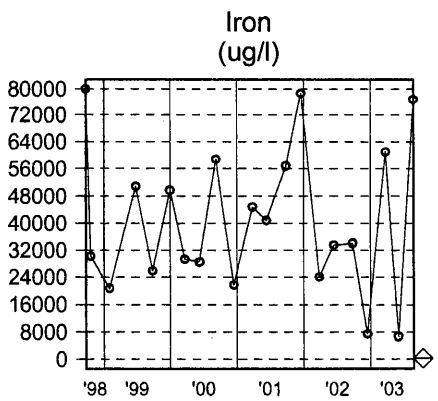
Source 6 of 14

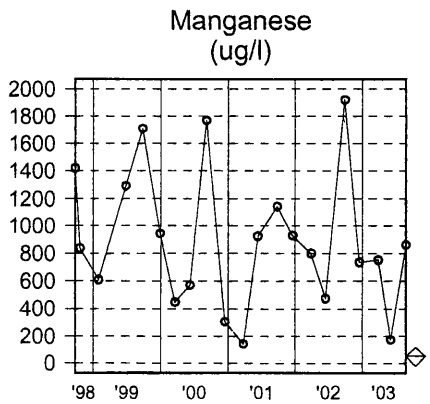
Silver in blank > Criteria, sample date 6/97.

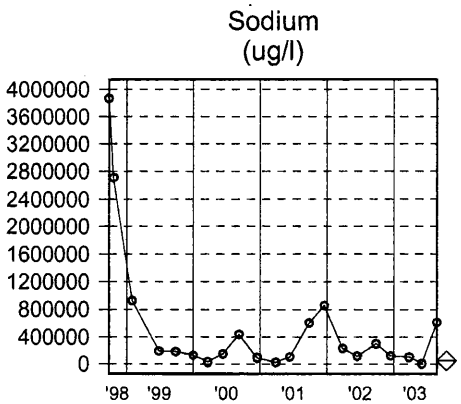
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

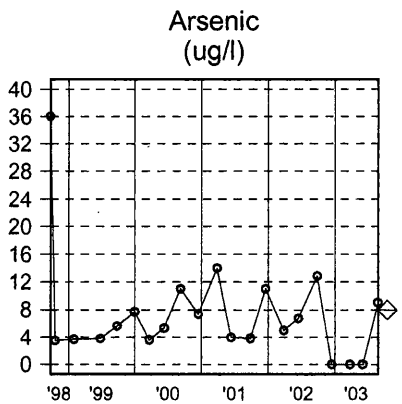


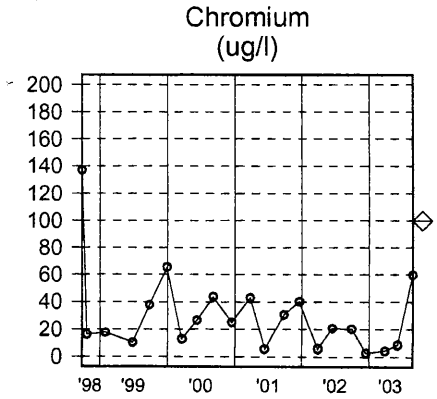


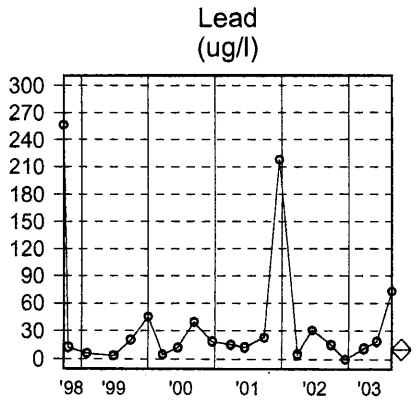


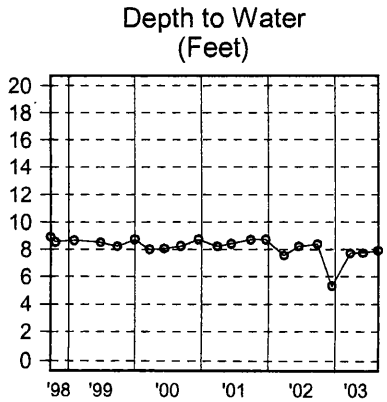












SOURCE: 00M8MW16

Sampling Dates:
09/23/1998 - 08/22/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 6 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-30-2003 X:\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	4	200	300	50	50000	8	100	10	-	-
09/23/1998	FMETL	2.82	8040	41900	543	2120000	19	74.7	61	7.08	V,S,P,M
10/20/1998	FMETL	6.61	3650	25600	452	796000	ND	26.6	26.4	7.02	V,S,P,M
01/27/1999	FMETL	ND	1860	15100	111	66600	2.47	18.7	10.2	6.16	V,S,P,M
06/22/1999	FMETL	5.59	2930	16300	408	267000	6.83	26.9	17.7	6.91	V,S,P,M
09/23/1999	FMETL	ND	1100	28600	694	247000	6.26	15.7	9.48	6.35	V,S,P,M
12/28/1999	FMETL	5.98	6430	41500	55800	157000	6.65	64.5	42.2	6.53	V,S,P,M
03/15/2000	FMETL	ND	115	18600	621	34600	ND	4.23	3.14	6.29	V,S,P,M
06/05/2000	FMETL	3.96	977	15500	673	78600	13.4	22.9	19.7	8.09	V,S,P,M
09/06/2000	FMETL	2.97	3230	44600	787	82100	22.7	17.5	16.8	6.36	V,S,P,M
12/13/2000	FMETL	2.06	3660	48300	540	82400	25.0	41.0	67.2	6.69	V,S,P,M
03/20/2001	FMETL	2.53	ND	14500	608	56400	14.0	8.3	ND	6.15	V,M,S,P
06/08/2001	FMETL	1.94	163	12700	557	44800	10.1	3.19	7.60	6.56	V,S,P,M
09/24/2001	FMETL	4.16	616	12600	530	914000	5.11	11.6	6.60	6.74	V,S,P,M
12/17/2001	FMETL	4.15	862	16100	498	2320000	8.99	14.0	13.3	7.00	V,S,P,M
03/21/2002	FMETL	4.09	1890	14500	464	236000	9.63	15.8	9.67	6.55	V,S,P,M
06/11/2002	FMETL	6.08	279	15100	597	129000	6.35	4.37	3.88	6.55	V,S,P,M
09/25/2002	FMETL	5.52	491	19100	705	179000	9.58	4.64	4.64	6.32	V,S,P,M
12/13/2002	FMETL	ND	26.1	5450	85.2	12700	3.18	ND	ND	4.61	V,S,P,M
03/21/2003	FMETL	ND	155	8010	59.7	13900	8.56	1.17	3.79	5.70	V,S,P,M
05/30/2003	FMETL	ND	249	5240	84.3	25800	4.67	1.86	2.10	5.95	V,S,P,M
08/22/2003	FMETL	3.57	392	5360	472	38000	9.61	3.36	1.06	6.54	V,S,P,M

SOURCE: 00M8MW17

Sampling Dates:
09/23/1998 - 08/22/2003

NOTES:

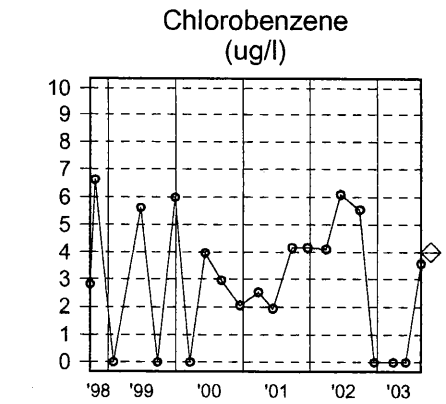
FORT MONMOUTH

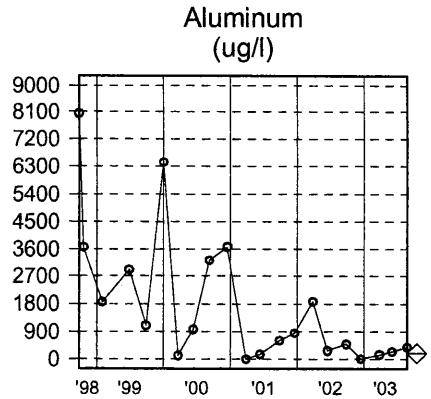
GW MONITORING
M-8 Bldg 697

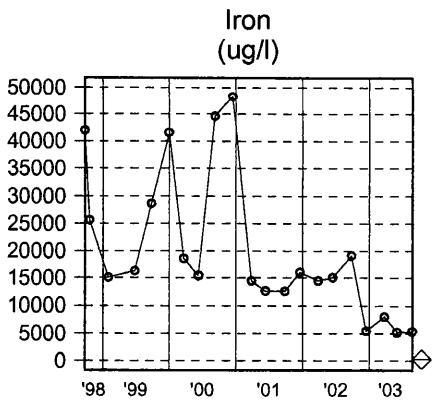
Source 7 of 14

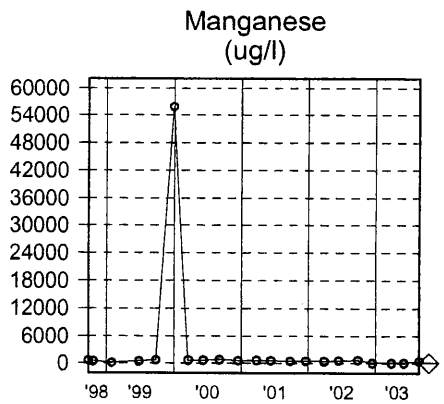
Silver in blank > Criteria, sample date 6/97.

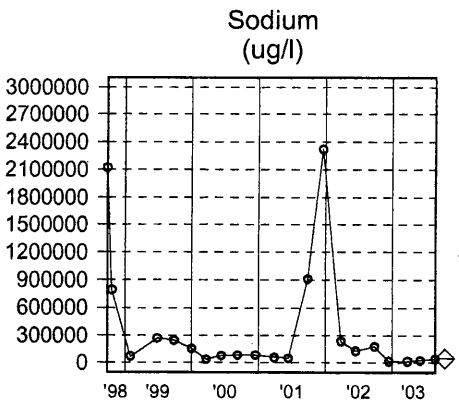
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

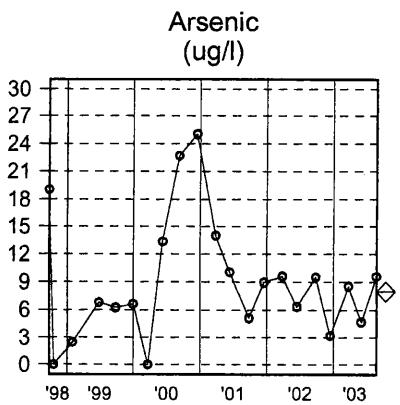


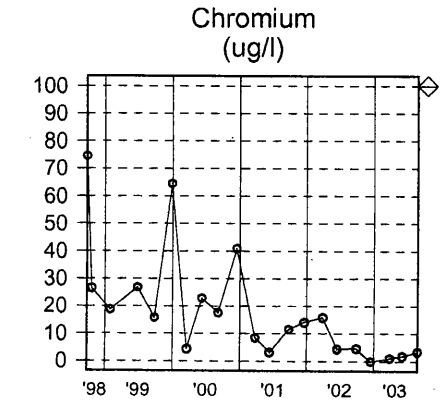


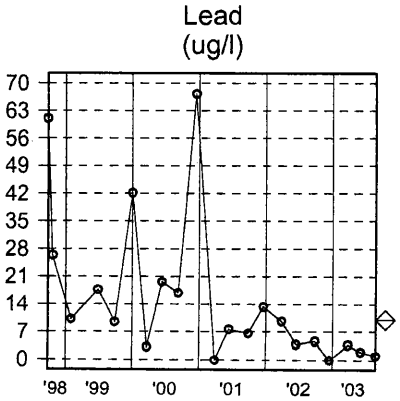


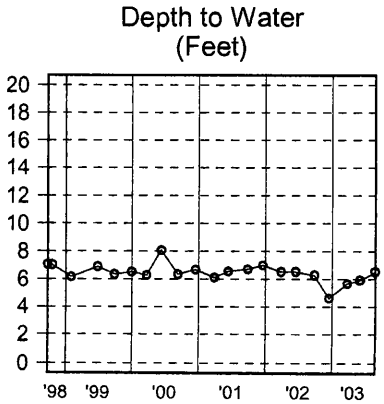












SOURCE: 00M8MW17

Sampling Dates:
09/23/1998 - 08/22/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 7 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-30-2003 X:\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	4	200	300	50	50000	8	100	10	-	-
09/30/1998	FMETL	16.43	378	10100	532	1260000	ND	6.5	4	7.30	V,S,P,M
10/20/1998	FMETL	14.6	1050	8510	452	1430000	ND	11.4	15.6	7.22	V,S,P,M
01/27/1999	FMETL	17.64	190	10300	570	724000	ND	15.1	4.96	6.83	V,S,P,M
06/22/1999	FMETL	18.38	216	12000	531	466000	ND	9.23	3.38	7.42	V,S,P,M
09/23/1999	FMETL	14.35	244	2900	397	910000	ND	13.4	6.38	6.93	V,S,P,M
12/28/1999	FMETL	10.42	300	5840	456	541000	ND	12.4	6.79	7.08	V,S,P,M
03/15/2000	FMETL	12.56	333	16400	645	181000	ND	12.3	ND	6.94	V,S,P,M
06/05/2000	FMETL	8.00	184	4420	483	460000	4.00	27.8	73.3	6.08	V,S,P,M
09/06/2000	FMETL	18.69	60.3	24000	544	300000	ND	ND	ND	7.06	V,S,P,M
12/13/2000	FMETL	18.69	188	23700	599	425000	ND	15.5	35.2	6.96	V,S,P,M
03/20/2001	FMETL	14.32	120	31700	661	244000	7.00	11.8	ND	6.72	V,S,P,M
06/08/2001	FMETL	16.11	ND	20700	752	253000	ND	3.22	4.10	6.76	V,S,P,M
09/24/2001	FMETL	16.33	ND	6760	656	1010000	ND	9.41	ND	6.93	V,S,P,M
12/17/2001	FMETL	9.56	ND	5370	622	1880000	ND	4.20	11.3	6.69	V,S,P,M
03/21/2002	FMETL	12.61	376	38800	523	625000	4.60	4.02	9.12	6.55	V,S,P,M
06/11/2002	FMETL	12.33	282	29500	521	685000	ND	4.27	11.4	6.69	V,S,P,M
09/23/2002	FMETL	9.86	246	18700	473	565000	ND	4.62	6.71	6.68	V,S,P,M
12/10/2002	FMETL	4.51	139	12000	351	243000	ND	2.17	16.4	6.20	V,S,P,M
03/21/2003	FMETL	5.44	184	2730	315	196000	ND	1.31	7.62	6.16	V,S,P,M
05/30/2003	FMETL	6.07	1090	11200	311	262000	ND	7.40	29.6	6.00	V,S,P,M
08/22/2003	FMETL	17.41	783	21700	632	159000E	ND	5.84	22.1	6.90	V,S,P,M

SOURCE: 00M8MW18

Sampling Dates:
09/30/1998 - 08/22/2003

NOTES:

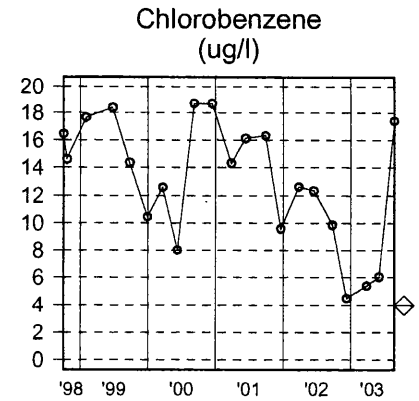
FORT MONMOUTH

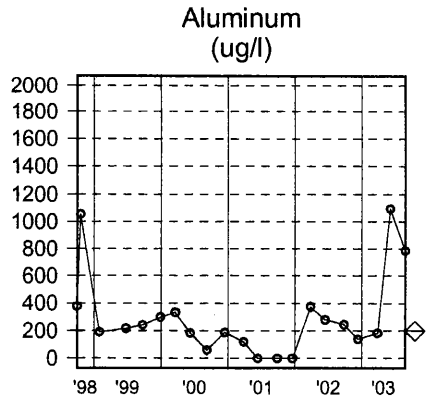
GW MONITORING
M-8 Bldg 697

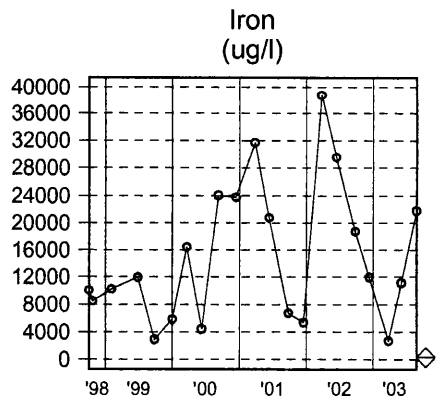
Source 8 of 14

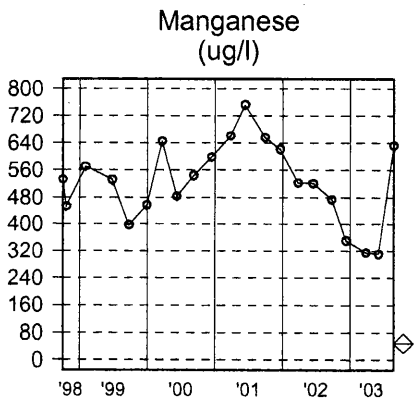
Silver in blank > Criteria, sample date 6/97.

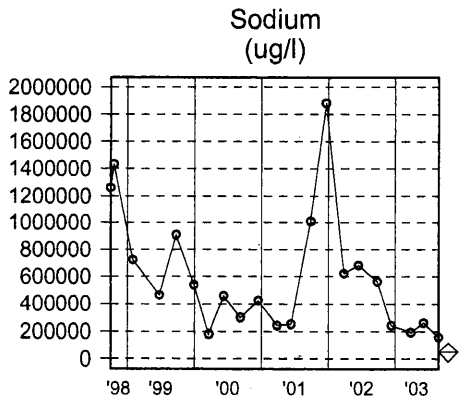
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

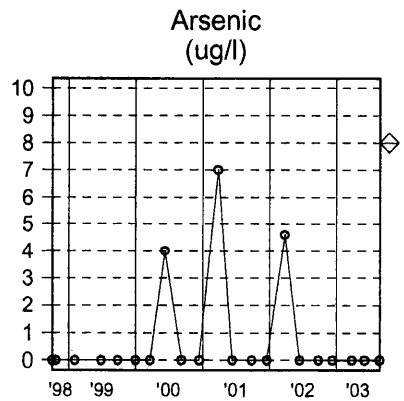


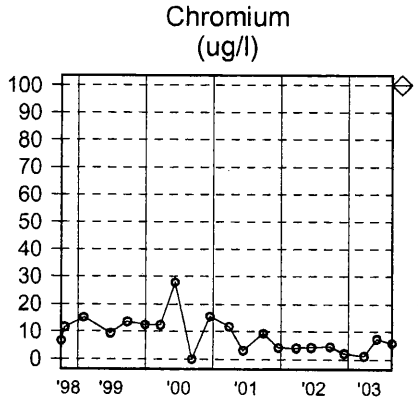


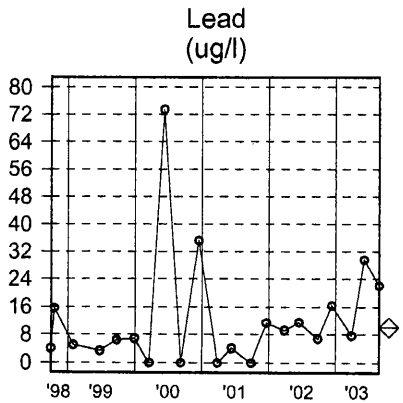


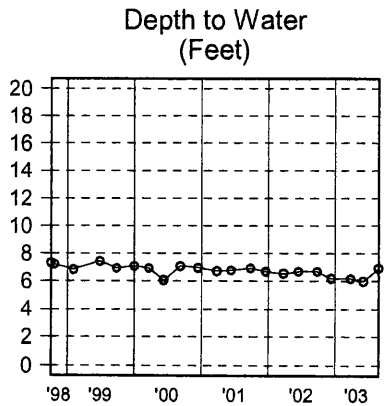












SOURCE: 00M8MW18

Sampling Dates:
09/30/1998 - 08/22/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 8 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-30-2003 X:\MtechData\M-8\M8.WSF

	Lab	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	200	300	50	50000	8	100	10	-		-
09/30/1998	FMETL	1170	20100	92.1	278000	5	8.1	2	7.19		V,S,P,M
10/20/1998	FMETL	5100	38600	104	252000	7.09	35	18	8.59		V,S,P,M
01/27/1999	FMETL	2100	14800	98.3	68800	3.17	17.3	8.5	8.03		V,S,P,M
06/22/1999	FMETL	162	20200	95.3	278000	ND	5.05	ND	8.47		V,S,P,M
09/23/1999	FMETL	103	17400	234	183000	ND	6.00	2.84	8.38		V,S,P,M
12/28/1999	FMETL	456	29900	257	120000	6.78	7.00	6.17	8.48		V,S,P,M
03/15/2000	FMETL	267	10300	102	37400	3.79	3.64	ND	8.33		V,S,P,M
06/05/2000	FMETL	53.5	7540	86.8	94500	ND	8.68	ND	7.08		V,S,P,M
09/06/2000	FMETL	79.5	24400	260	274000	ND	ND	ND	8.28		V,S,P,M
12/13/2000	FMETL	54.4	19100	234	181000	ND	6.66	ND	8.15		V,S,P,M
03/20/2001	FMETL	230	14500	46.2	39800	12.0	4.70	ND	7.75		V,S,P,M
06/08/2001	FMETL	49.1	24200	160	219000	ND	1.91	1.84	8.03		V,S,P,M
09/24/2001	FMETL	25.6	26700	256	312000	ND	2.63	ND	8.34		V,S,P,M
12/17/2001	FMETL	ND	25800	171	421000	ND	3.78	22.5	7.66		V,S,P,M
03/21/2002	FMETL	202	14000	72.3	48100	10.2	1.40	2.60	5.91		V,S,P,M
06/11/2002	FMETL	126	9290	86.0	60100	ND	0.947	ND	7.79		V,S,P,M
09/23/2002	FMETL	110	15400	185	74600	ND	1.47	1.25	7.39		V,S,P,M
12/10/2002	FMETL	49.7	5030	164	95300	ND	0.904	ND	7.10		V,S,P,M
03/21/2003	FMETL	137	3380	14.4	7130	2.60	ND	3.35	5.73		V,S,P,M
05/30/2003	FMETL	262	6350	70.3	49900	ND	2.03	9.00	6.81		V,S,P,M
08/22/2003	FMETL	105	18100	140	88200	ND	1.31	ND	7.65		V,S,P,M

SOURCE: 00M8MW19

Sampling Dates:
09/30/1998 - 08/22/2003

NOTES:

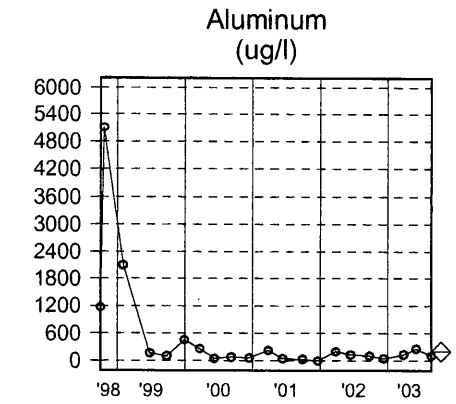
FORT MONMOUTH

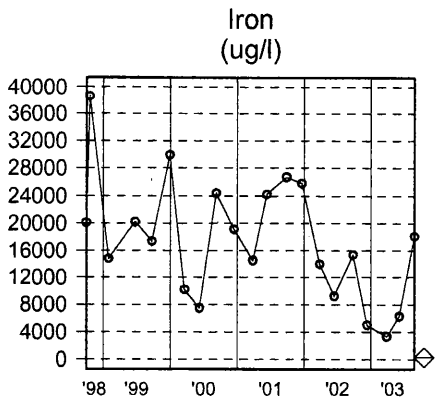
GW MONITORING
M-8 Bldg 697

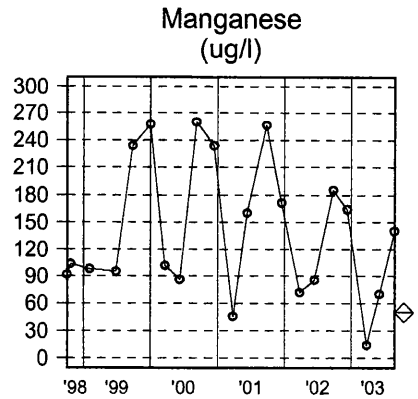
Source 9 of 14

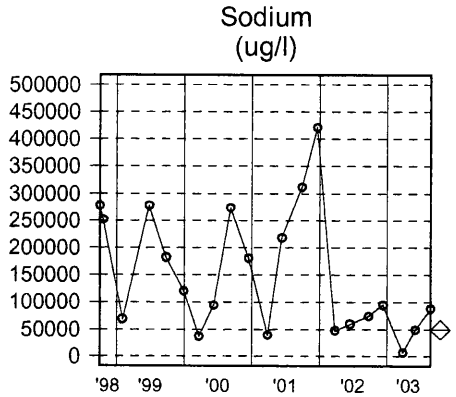
Silver in blank > Criteria, sample date 6/97.

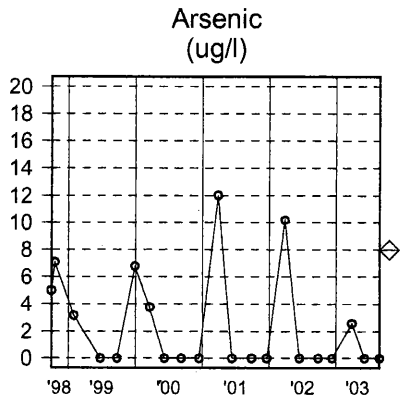
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

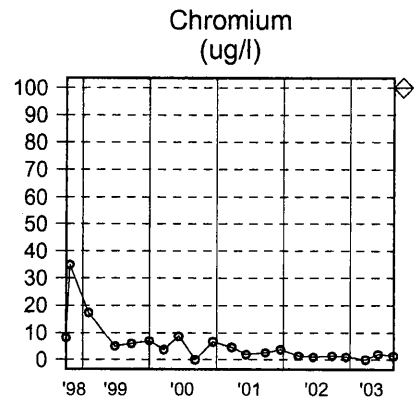


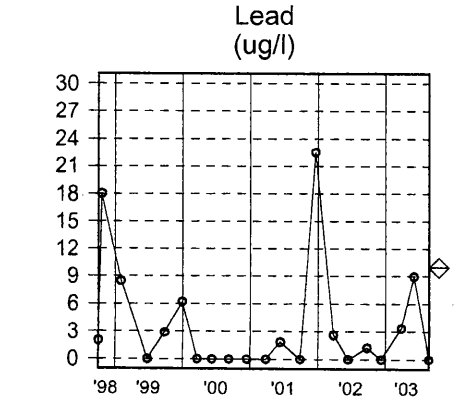


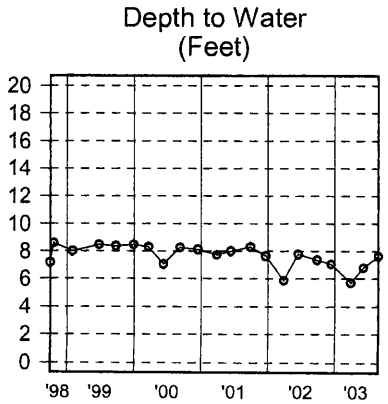












SOURCE: 00M8MW19

Sampling Dates:
09/30/1998 - 08/22/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 9 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-30-2003 X:\MtechData\M-8\M8.WSF

	Lab	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	200	300	50	50000	8	100	10	-		-
09/30/1998	FMETL	1560	10100	242	802000	5	18	ND	8.36		V,S,P,M
10/21/1998	FMETL	2470	8360	231	595000	2.91	19.2	4.67	8.10		V,S,P,M
01/27/1999	FMETL	3190	28400	189	575000	ND	44.1	11.4	7.30		V,S,P,M
06/22/1999	FMETL	4110	10600	196	587000	ND	32.7	9.90	7.76		V,S,P,M
09/23/1999	FMETL	590	10300	235	990000	ND	26.9	2.97	7.36		V,S,P,M
12/28/1999	FMETL	4520	22200	84.1	412000	2.85	65.0	19.5	7.74		V,S,P,M
03/15/2000	FMETL	418	5770	201	240000	ND	24.4	ND	7.45		V,S,P,M
06/05/2000	FMETL	66.8	2740	15.6	355000	ND	41.2	2.78	6.76		V,S,P,M
09/06/2000	FMETL	678	5280	96.1	668000	2.31	10.7	ND	7.37		V,S,P,M
12/13/2000	FMETL	426	5090	64.3	601000	ND	32.2	ND	8.37		V,S,P,M
03/20/2001	FMETL	260	6280	84.7	436000	11.0	27.1	ND	7.36		V,S,P,M
06/08/2001	FMETL	598	7760	42.4	515000	4.32	33.2	4.74	7.22		V,S,P,M
09/24/2001	FMETL	1570	14400	64.6	707000	ND	55.8	3.35	7.64		V,S,P,M
12/17/2001	FMETL	315	6800	13.2	417000	ND	41.7	1.85	7.12		V,S,P,M
03/21/2002	FMETL	546	4130	21.8	476000	4.50	29.5	ND	6.27		V,S,P,M
06/11/2002	FMETL	158	2870	12.5	379000	ND	30.4	ND	7.03		V,S,P,M
09/23/2002	FMETL	721	8500	56.6	665000	ND	43.8	ND	7.06		V,S,P,M
12/10/2002	FMETL	120	2420	23.1	378000	ND	18.8	ND	6.76		V,S,P,M
03/21/2003	FMETL	135	4590	42.9	352000	ND	12.6	ND	6.60		V,S,P,M
05/30/2003	FMETL	165	3500	10.1	255000	ND	21.9	ND	6.81		V,S,P,M
08/22/2003	FMETL	485	4190	15.3	363000	ND	37.1	1.02	7.30		V,S,P,M

SOURCE: 00M8MW20

Sampling Dates:
09/30/1998 - 08/22/2003

NOTES:

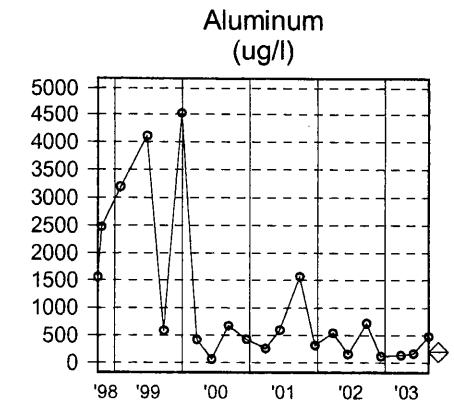
FORT MONMOUTH

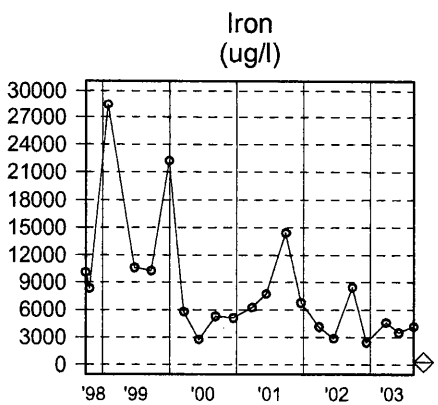
GW MONITORING
M-8 Bldg 697

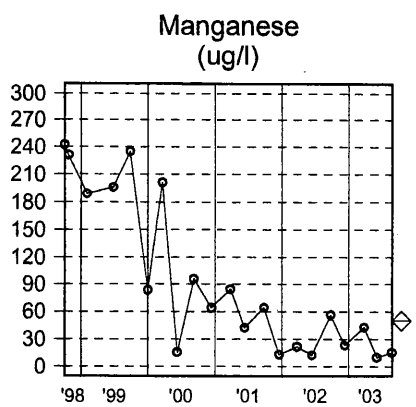
Source 10 of 14

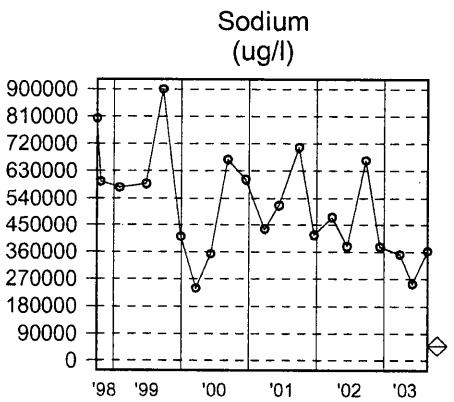
Silver in blank > Criteria, sample date 6/97.

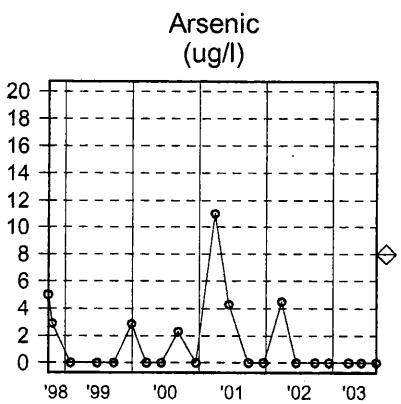
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

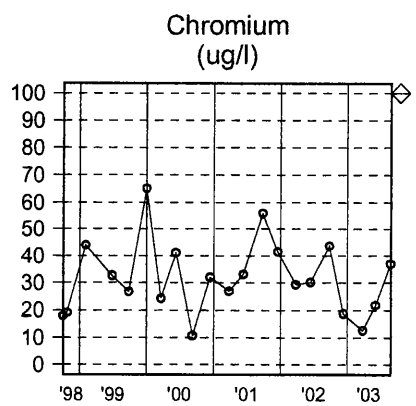


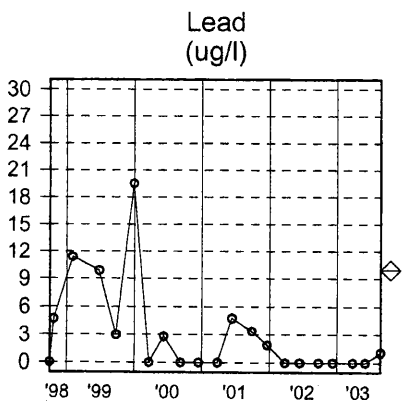


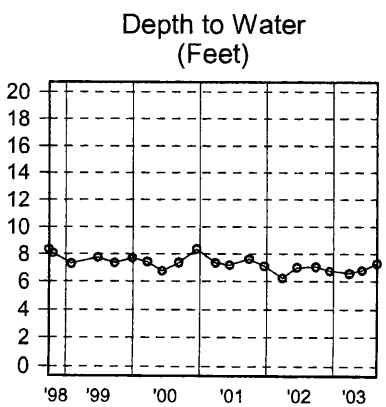












SOURCE: 00M8MW20

Sampling Dates:
09/30/1998 - 08/22/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 10 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-30-2003 X:\MtechData\M-8\M8.WSF

	Lab	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	200	300	50	50000	8	100	10	-		-
09/30/1998	FMETL	3040	50800	947	5660000	9.00	13.6	ND	6.78		V,S,P,M
10/21/1998	FMETL	1530	31700	671	4840000	7	14.1	ND	6.87		V,S,P,M
01/27/1999	FMETL	2280	23000	183	1210000	2.27	28.5	5.14	6.19		V,S,P,M
06/22/1999	FMETL	3270	38900	289	2730000	6.17	12.1	ND	6.51		V,S,P,M
09/23/1999	FMETL	1820	23100	385	2750000	3.86	17.1	4.45	6.25		V,S,P,M
12/28/1999	FMETL	2310	8020	98.2	601000	ND	25.5	11.5	6.46		V,S,P,M
03/15/2000	FMETL	2390	12400	59.2	334000	4.49	27.5	3.27	6.36		V,S,P,M
06/05/2000	FMETL	225	3680	83.1	683000	ND	26.6	ND	5.68		V,S,P,M
09/06/2000	FMETL	910	23400	128	1450000	4.03	8.12	8.66	6.30		V,S,P,M
12/13/2000	FMETL	418	17800	138	1340000	ND	19.0	ND	6.67		V,S,P,M
03/20/2001	FMETL	3240	15000	52.4	665000	11.0	27.5	ND	6.19		V,S,P,M
06/08/2001	FMETL	607	14000	184	700000	ND	6.54	4.57	6.37		V,S,P,M
09/24/2001	FMETL	1180	41000	256	2000000	ND	12.0	5.87	6.48		V,S,P,M
12/17/2001	FMETL	703	66800	308	3220000	4.19	7.51	6.92	5.23		V,S,P,M
03/21/2002	FMETL	1190	3240	11.0	161000	ND	5.08	4.01	6.13		V,S,P,M
06/11/2002	FMETL	731	5290	72.0	570000	ND	5.58	1.22	6.04		V,S,P,M
09/23/2002	FMETL	547	25800	132	1730000	ND	7.86	3.06	5.53		V,S,P,M
12/10/2002	FMETL	278	4470	70.2	785000	ND	3.09	ND	5.31		V,S,P,M
03/21/2003	FMETL	869	2600	11.8	314000	ND	2.41	1.50	5.98		V,S,P,M
05/30/2003	FMETL	913	3590	20.2	419000	ND	5.48	1.59	6.21		V,S,P,M
08/22/2003	FMETL	659	6420	126	357000E	7.70	10.5	6.99	6.31		V,S,P,M

SOURCE: 00M8MW21

Sampling Dates:
09/30/1998 - 08/22/2003

NOTES:

Well installed 9/98.

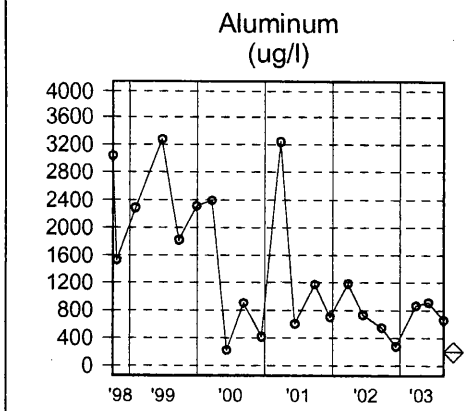
FORT MONMOUTH

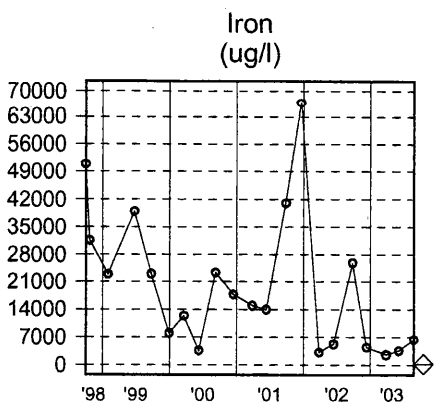
GW MONITORING
M-8 Bldg 697

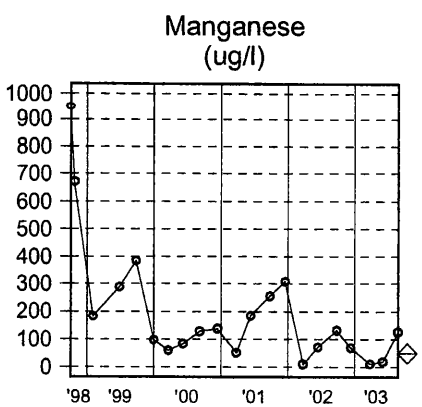
Source 11 of 14

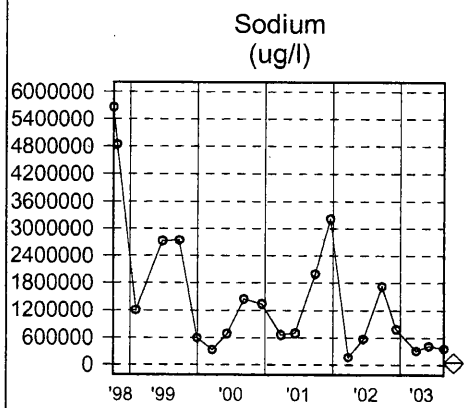
Silver in blank > Criteria, sample date 6/97.

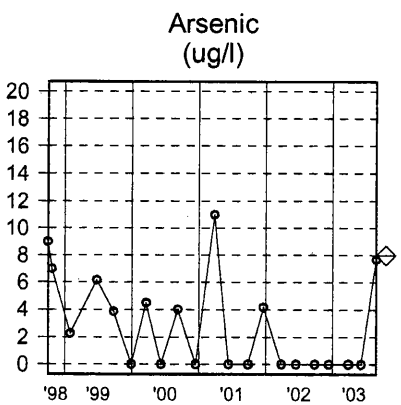
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

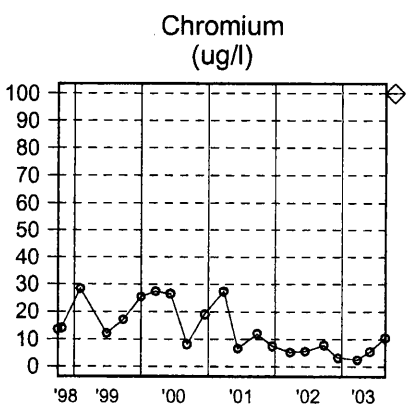


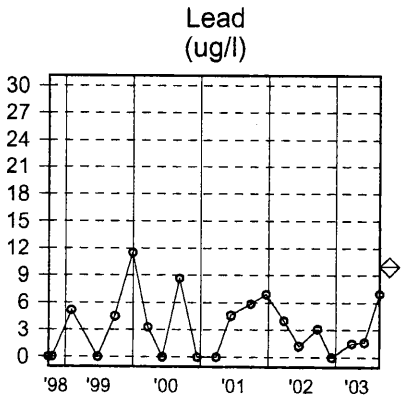


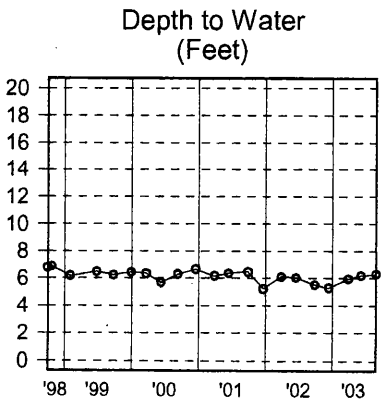












SOURCE: 00M8MW21

Sampling Dates:
09/30/1998 - 08/22/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 11 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-30-2003 X:\MtechData\M-8\M8.WSF

	Lab	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	200	300	50	50000	8	100	10	-		-
09/30/1998	FMETL	2800	87800	1870	4820000	13	25.5	ND	8.11		V,S,P,M
10/21/1998	FMETL	3230	59800	1290	3790000	7.05	28.4	6.8	7.61		V,S,P,M
01/27/1999	FMETL	2370	18900	301	882000	ND	14.8	7.85	6.41		V,S,P,M
06/22/1999	FMETL	2860	20800	726	2740000	ND	8.42	15.5	6.95		V,S,P,M
09/23/1999	FMETL	3860	18400	601	3300000	ND	11.7	70.7	6.29		V,S,P,M
12/28/1999	FMETL	130	128	230	1140000	ND	11.1	4.34	6.37		V,S,P,M
03/15/2000	FMETL	870	4440	366	575000	ND	19.7	12.7	6.50		V,S,P,M
06/05/2000	FMETL	789	324	394	631000	ND	22.7	2.34	6.61		V,S,P,M
09/06/2000	FMETL	1170	2920	302	1030000	ND	ND	10.2	6.47		V,S,P,M
12/13/2000	FMETL	1200	3000	455	1240000	ND	17.5	8.69	6.79		V,S,P,M
03/20/2001	FMETL	1080	3930	272	470000	12.0	10.1	11.0	6.63		V,S,P,M
06/08/2001	FMETL	383	1540	214	452000	3.79	5.45	2.67	6.34		V,S,P,M
09/24/2001	FMETL	4380	15700	1110	2030000	ND	22.7	51.2	6.79		V,S,P,M
09/24/2001D	FMETL	4680	15500	1130	2020000	2.22	23.6	55.4	6.79		V,S,P,M
12/17/2001	FMETL	2490	13000	1440	2360000	ND	6.82	24.9	5.72		V,S,P,M
03/21/2002	FMETL	1450	3760	1340	300000	2.42	2.18	6.62	6.35		V,S,P,M
06/11/2002	FMETL	842	1720	785	439000	ND	2.16	2.23	6.34		V,S,P,M
09/23/2002	FMETL	2580	9870	628	1790000	ND	6.65	11.3	8.04		V,S,P,M
12/10/2002	FMETL	37.8	70200	597	2060000	ND	1.59	1.67	7.77		V,S,P,M
03/21/2003	FMETL	147	2420	420	490000	ND	ND	1.63	6.31		V,S,P,M
05/30/2003	FMETL	237	2060	255	382000	ND	5.50	2.80	6.25		V,S,P,M

SOURCE: 00M8MW22

Sampling Dates:
09/30/1998 - 05/30/2003

NOTES:

Well installed 9/98.

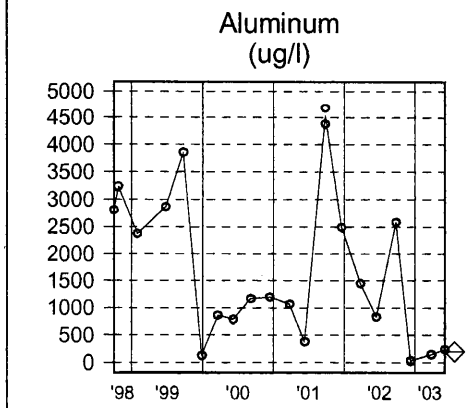
FORT MONMOUTH

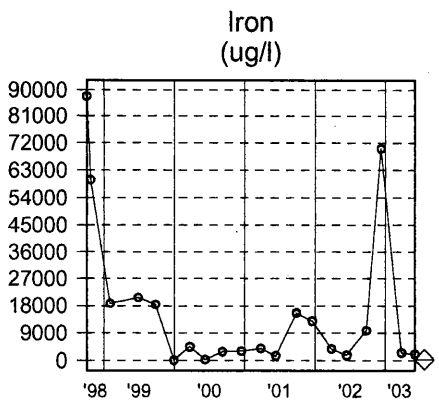
GW MONITORING
M-8 Bldg 697

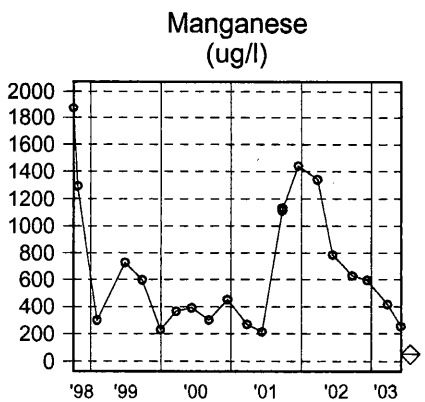
Source 12 of 14

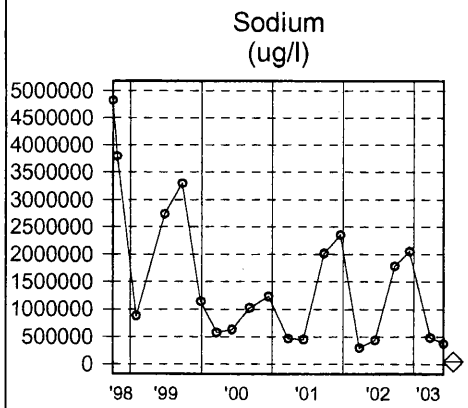
Silver in blank > Criteria, sample date 6/97.

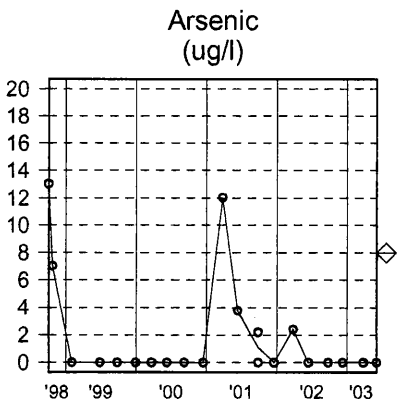
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

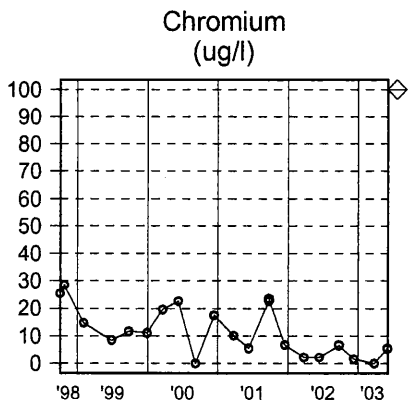


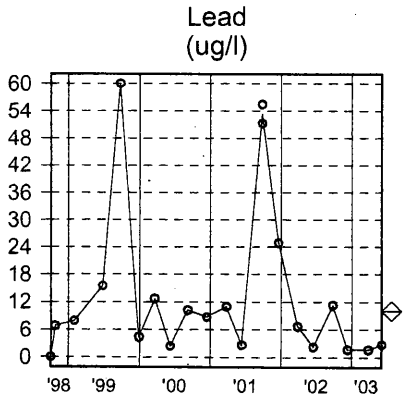


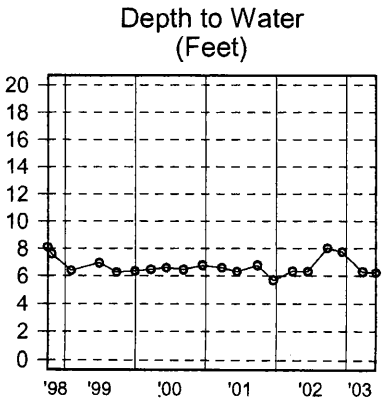












SOURCE: 00M8MW22

Sampling Dates:
09/30/1998 - 05/30/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 12 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-30-2003 X:\MtechData\M-8\M8.WSF

	Lab	cis-1,2-Di chloro ethene	Aluminum	Iron	Manganese	Sodium	Arsenic	Lead	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	10	200	300	50	50000	8	10	-		-
04/14/1999	FMETL	ND	8440	27700	1720	19200	26.4	464	8.65		V,S,P,M
04/28/1999	FMETL	2.74	150	1940	787	28200	15.8	8.1	8.88		V,S,P,M
09/23/1999	FMETL	6.44	27.6	5290	1280	46900	3.47	5.92	8.85		V,S,P,M
12/28/1999	FMETL	ND	71.6	910	986	28900	ND	3.82	8.75		V,S,P,M
03/15/2000	FMETL	5.47	63.0	2580	748	30600	2.61	ND	8.58		V,S,P,M
06/05/2000	FMETL	ND	15.1	203	1800	23000	ND	3.06	8.81		V,S,P,M
09/06/2000	FMETL	6.81	110	3880	1020	46100	ND	2.79	8.71		V,S,P,M
12/13/2000	FMETL	10.99	ND	5180	739	36600	ND	3.94	9.01		V,S,P,M
03/20/2001	FMETL	3.92	ND	2650	585	20600	12.0	7.00	8.37		V,S,P,M
03/20/2001D	FMETL	3.85	40.0	2930	671	23600	6.00	3.00	8.37		V,S,P,M
06/08/2001	FMETL	8.29	46.6	6260	2280	23300	3.41	12.2	8.85		V,S,P,M
09/24/2001	FMETL	16.42	139	6650	1600	46300	3.87	13.5	9.15		V,S,P,M
12/17/2001	FMETL	18.47	292	8300	1400	80200	6.74	33.5	5.23		V,S,P,M
03/21/2002	FMETL	6.85	394	4900	640	41100	4.93	9.98	8.83		V,S,P,M
06/11/2002	FMETL	15.89	490	12300	2080	27300	ND	21.9	8.83		V,S,P,M
09/23/2002	FMETL	5.86	62.4	7410	548	25800	2.43	4.00	8.85		V,S,P,M
12/10/2002	FMETL	5.78	45.8	17100	2190	27700	ND	ND	7.61		V,S,P,M
03/21/2003	FMETL	ND	524	3190	70.2	6130	3.17	32.4	8.11		V,S,P,M
05/30/2003	FMETL	1.01	500	3370	160	7460	ND	2.76	8.22		V,S,P,M
08/22/2003	FMETL	11.74	599	4110	430	15100	10.1	42.6	8.80		V,S,P,M

SOURCE: 00M8MW23

Sampling Dates:
04/14/1999 - 08/22/2003

NOTES:

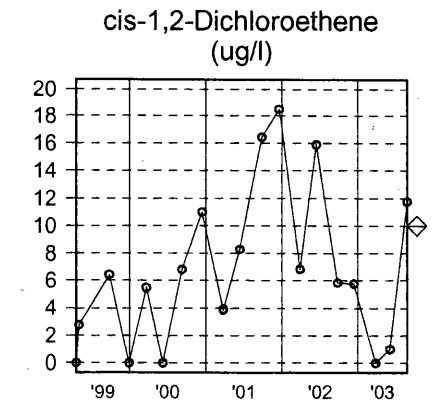
FORT MONMOUTH

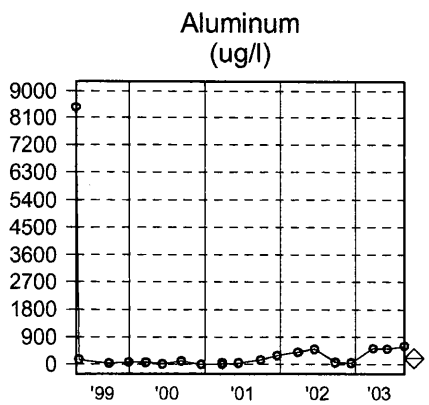
GW MONITORING
M-8 Bldg 697

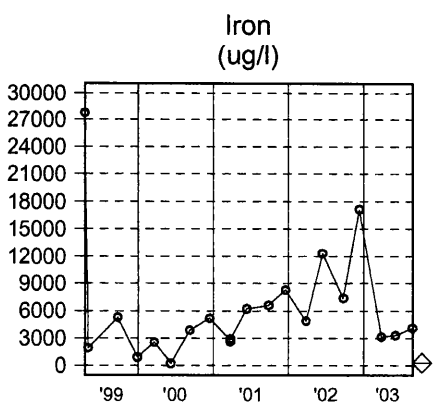
Source 13 of 14

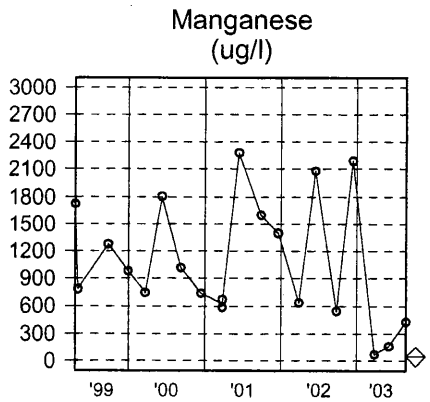
Silver in blank > Criteria, sample date 6/97.

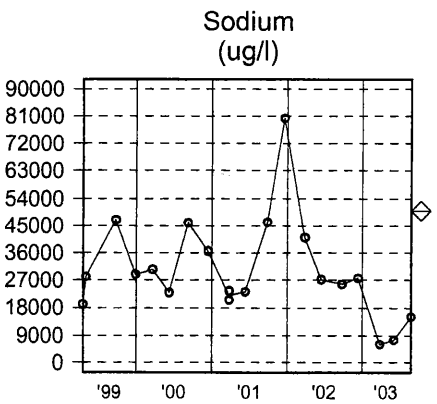
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

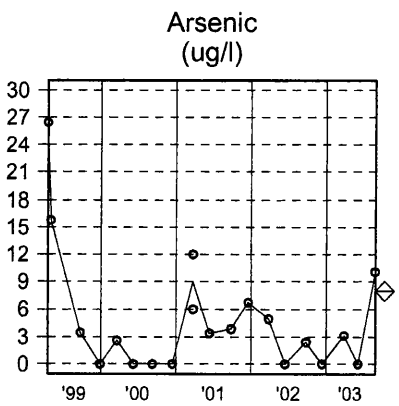


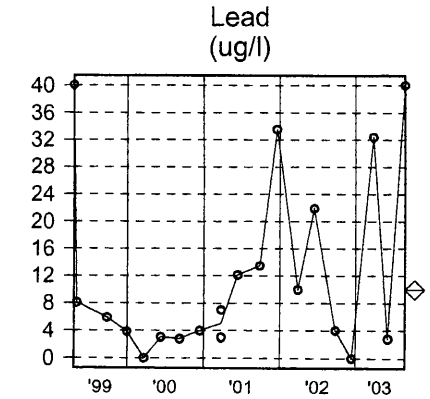


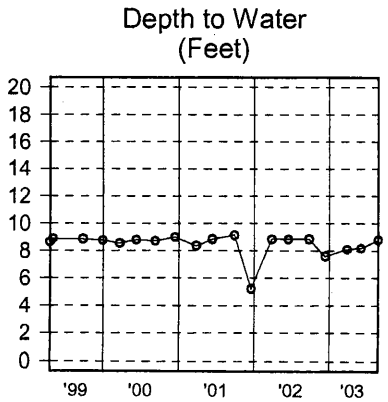












SOURCE: 00M8MW23

Sampling Dates:
04/14/1999 - 08/22/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 13 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-30-2003 X:\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Benzene	Iron	Manganese	Lead	Depth to Water				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	Feet				-
NJDEP Criteria:	-	4	1	300	50	10	-				-
04/14/1999	FMETL	ND	ND	13100	885	50.5	17.96				V,S,P,M
04/28/1999	FMETL	ND	ND	13500	1260	385	18.64				V,S,P,M
09/23/1999	FMETL	1.01	ND	36600	1500	27.1	18.22				V,S,P,M
03/15/2000	FMETL	1.99	1.67	7840	110	ND	19.20				V,S,P,M
03/15/2000D	FMETL	1.68	1.39	7880	105	ND	19.20				V,S,P,M
06/05/2000	FMETL	2.74	1.35	7150	103	5.61	19.46				V,S,P,M
09/06/2000	FMETL	2.91	1.49	7450	78.6	ND	19.00				V,S,P,M
12/26/2000	FMETL	1.37	ND	3130	42.6	ND	20.35				V,S,P,M
03/31/2001	FMETL	39.77	3.97	30600	461	25.0	18.22				V,S,P,M
03/31/2001D	FMETL	38.86	3.82	30100	468	19.0	18.22				V,S,P,M
06/23/2001	FMETL	1.70	ND	11300	87.6	ND	18.92				V,S,P,M
06/23/2001D	FMETL	1.64	ND	10500	83.4	ND	18.92				V,S,P,M
09/24/2001	FMETL	2.80	1.28	22200	179	4.76	9.76				V,S,P,M
12/10/2001	FMETL	1.94	1.40	12700	93.1	2.37	19.71				V,S,P,M
03/27/2002	FMETL	ND	ND	6080	55.9	ND	17.61				V,S,P,M
06/22/2002	FMETL	1.78	1.33	8000	66.0	ND	17.91				V,S,P,M
09/26/2002	FMETL	2.51	ND	13900	90.5	ND	19.50				V,S,P,M
12/13/2002	FMETL	1.42	ND	7989	56.1	ND	19.09				V,S,P,M
03/20/2003	FMETL	5.00	ND	10400	88.8	ND	19.06				V,S,P,M
06/25/2003	FMETL	3.02	ND	12200	87.2	1.36	15.23				V,S,P,M
09/08/2003	FMETL	2.15	1.08	10800	79.2	1.28	13.21				V,S,P,M

SOURCE: 00M8MW24

Sampling Dates:
04/14/1999 - 09/08/2003

NOTES:

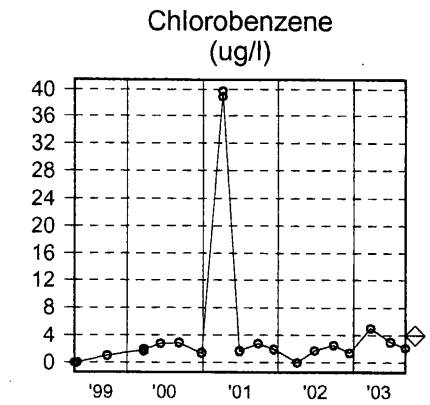
FORT MONMOUTH

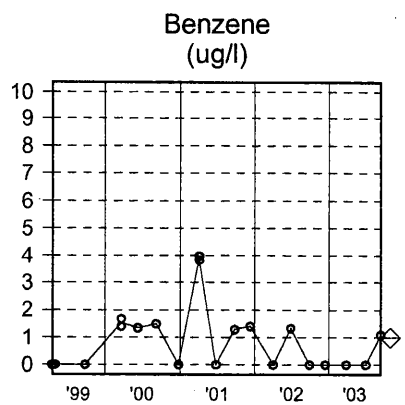
GW MONITORING
M-8 Bldg 697

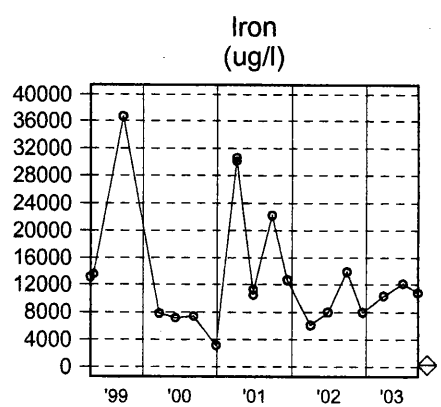
Source 14 of 14

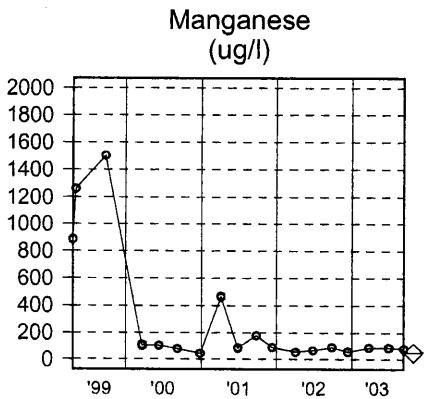
Silver in blank > Criteria, sample date 6/97.

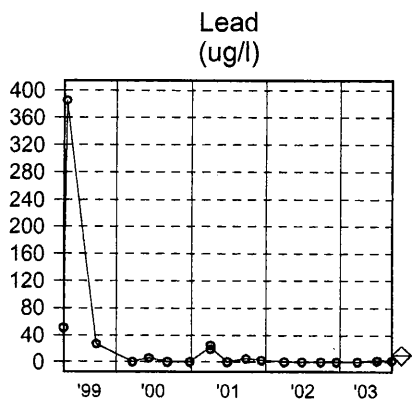
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

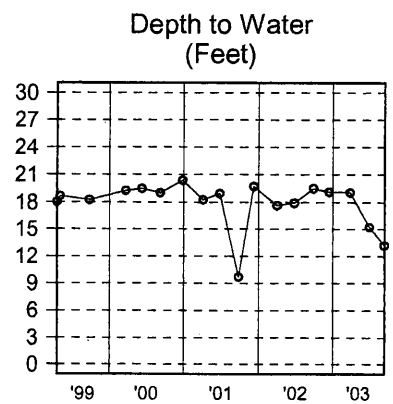












SOURCE: 00M8MW24

Sampling Dates:
04/14/1999 - 09/08/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 14 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-30-2003 X:\MtechData\M-8\M8.WSF

	Lab	4,4'DDD	4,4'DDT	alpha-Chlordane	gamma-Chlordane	Aluminum	Iron	Manganese	Lead	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	0.10	0.1	0.50	0.50	200	300	50	10	-	-
08/27/1997	FMETL	2.08	0.023	0.96	0.79	340	10520	59	-	13.15	V,S,P,M
10/29/1997	FMETL	0.85	0.12	0.41	0.317	99	2331	24	-	13.35	V,S,P,M
02/26/1998	FMETL	0.85	0.03	0.339	0.253	418	1617	23.1	-	11.26	V,S,P,M
06/04/1998	FMETL	0.888	0.314	0.711	0.808	63	1666	16.5	-	12.12	V,S,P,M
08/28/1998	FMETL	0.930	0.202	0.558	0.617	218	2360	11	-	13.54	V,S,P,M
11/04/1998	FMETL	0.176	0.065	0.184	0.218	52	825	11.8	-	14.09	V,S,P,M
01/27/1999	FMETL	0.200	0.066	0.150	0.147	ND	310	20.8	ND	12.27	V,S,P,M
06/22/1999	FMETL	0.499	0.166	0.309	0.294	ND	278	9.50	ND	13.23	V,S,P,M
09/23/1999	FMETL	0.660	0.303	0.501	0.410	ND	903	14.0	6.18	12.88	V,S,P,M
12/28/1999	FMETL	0.312	0.061	0.183	0.139	ND	894	3690	ND	12.55	V,S,P,M
03/15/2000	FMETL	0.229	0.051	0.15	0.121	33.3	589	25.2	ND	12.27	V,S,P,M
06/05/2000	FMETL	ND	0.201	0.487	0.370	ND	1050	19.2	5.34	12.72	V,S,P,M
09/06/2000	FMETL	0.931	0.250	0.636	0.475	35.8	1640	22.0	ND	12.49	V,S,P,M
12/13/2000	FMETL	0.468	0.096	0.236	0.207	ND	970	20.9	ND	13.00	V,S,P,M
03/20/2001	FMETL	0.339	0.113	0.232	0.202	140	1690	20.4	1.00	12.13	V,S,P,M
06/08/2001	FMETL	0.19	0.064	0.139	0.111	17.6	102	23.3	ND	8.62	V,S,P,M
09/24/2001	FMETL	0.260	0.070	0.193	0.176	191	2030	57.3	ND	13.47	V,S,P,M
12/17/2001	FMETL	0.207	0.041	0.105	0.095	609	7360	43.1	9.98	14.10	V,S,P,M
03/21/2002	FMETL	0.282	0.042	0.118	0.102	49.0	1410	22.0	ND	13.11	V,S,P,M
06/11/2002	FMETL	0.126	0.022	0.058	0.050	79.1	5310	20.9	ND	12.83	V,S,P,M
09/23/2002	FMETL	0.096	0.022	0.075	0.045	103	2150	15.3	ND	13.80	V,S,P,M
12/13/2002	FMETL	ND	ND	ND	ND	36.8	1060	45.9	ND	11.17	V,S,P,M
03/21/2003	FMETL	0.300	0.12	0.19	0.17	292	8220	23.9	1.49	11.80	V,S,P,M
05/30/2003	FMETL	ND	ND	ND	ND	381	7090	17.7	0.921	12.05	V,S,P,M
08/22/2003	FMETL	0.54	0.22	0.23	0.23	195	2590	24.9	ND	12.77	V,S,P,M

SOURCE: 0697MW01

Sampling Dates:
08/27/1997 - 08/22/2003

NOTES:

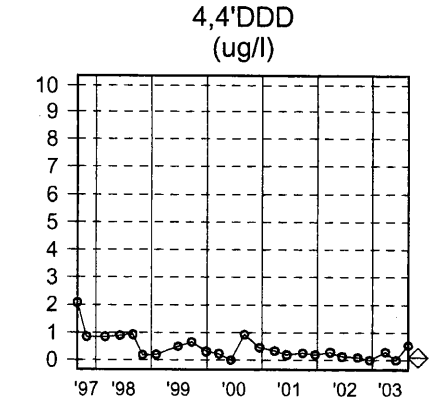
FORT MONMOUTH

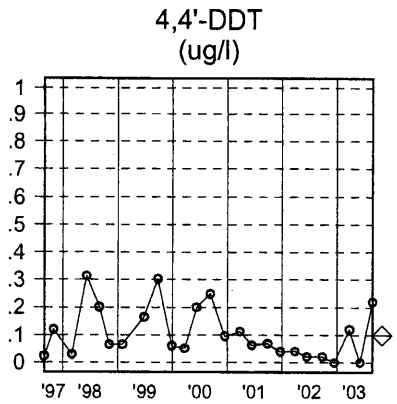
GW MONITORING
M-8 Bldg 697

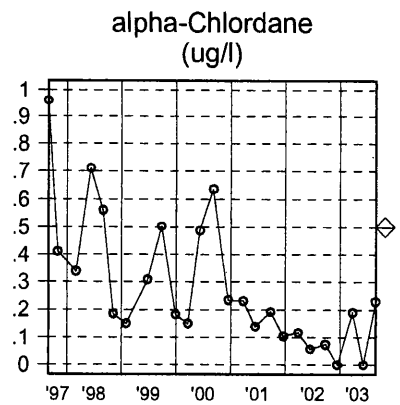
Source 5 of 14

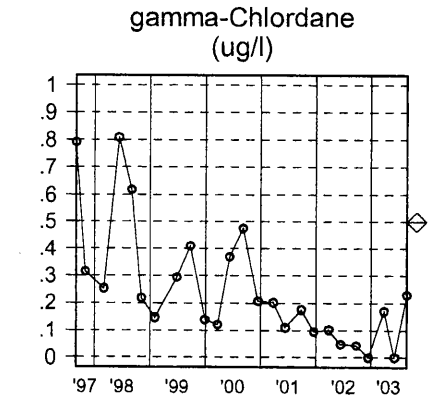
Silver in blank > Criteria, sample date 6/97.

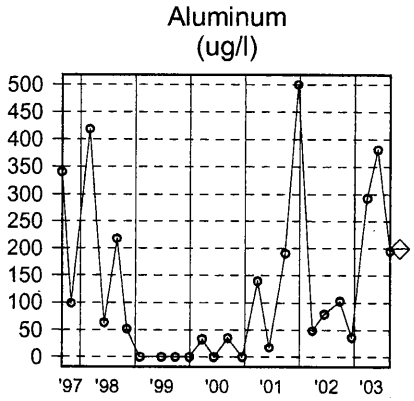
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

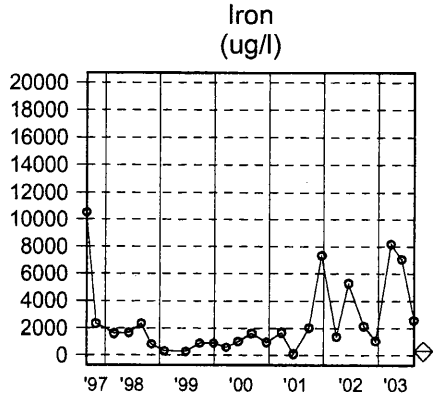


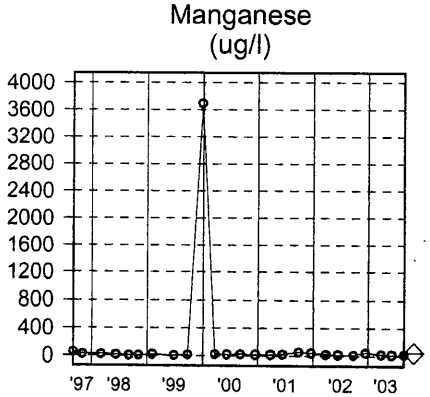


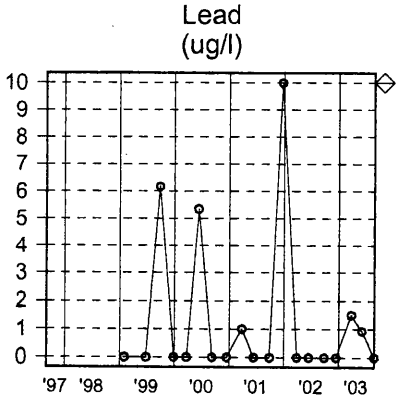


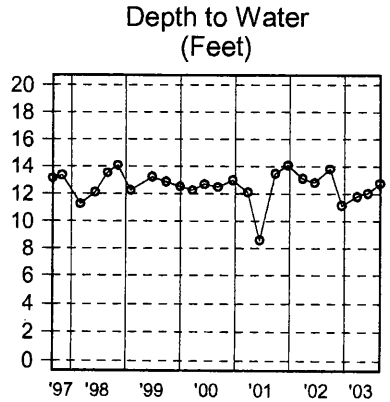












SOURCE: 0697MW01

Sampling Dates:
08/27/1997 - 08/22/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 5 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-30-2003 X:\MtechData\M-8\M8.WSF

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: M-8, Bldg. 697

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
3080404	00M8MW12	29-32560	12/12/03
3080405	00M8MW13	29-32561	12/12/03
3080406	00M8MW14	29-32562	12/12/03
3083104	00M8MW15	29-32563	12/30/03
3083105	00M8MW16	29-39146	12/30/03
3083106	00M8MW17	29-39147	12/30/03
3080407	00M8MW18	29-39148	12/12/03
3080408	00M8MW19	29-39149	12/12/03
3080409	00M8MW20	29-39150	12/12/03
3080410	00M8MW21	29-39151	12/12/03
3080411	00M8MW22	29-39152	12/12/03
3083108	0697MW01	29-31778	12/30/03
3083107	00M8MW23	29-40128	12/30/03
3075504	00M8MW24	29-41724	11/21/03

NJDEP Laboratory Certification # 13461

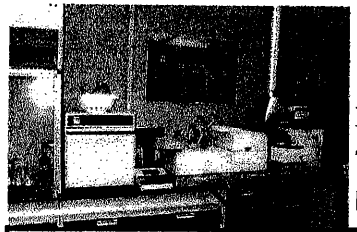
3-15-04

Daniel Wright/Date:
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B
TARGET COMPOUND LIST	Federal Register 40 CFR Part 136 Appendix A
Base/Neutrals and Acid Extractables by GC/MS	625
Purgeable Organcis by GC/MS	624
Pesticides and PCB's by GC	608



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. FALLON
Phone #: X216223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: M8 LeFlo Wells
4th Qtr '03 Pt II

Samplers Name / Company: Corey McCormack, TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOA 715	TAC mtls	Pest / PCB	BNA 426				Hex Chrom	Comments: HCL/HNO3 / 4°C Remarks / Preservation Method
30755 01	Trip	11/21/03	0737	AQ	2	✓							—	
02	Field Blank		1320		5	✓	✓	✓	✓				—	
03	Dupe		—			✓	✓	✓	✓				—	
04	M8 MW 24		1440			✓	✓	✓	✓				0.0	29-41724

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	11/21/03 1515	J. Alupna			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (X)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____Hrs.

Remarks: Slurs T/FA/D w/ M2LF + 750 Save date. CPM
Tide: L

print legibly

COC.XLS9/2/2003

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. FALLON
Phone #: X216223
(X)DERA ( )OMA ( )Other:_____

Project No:
Location: MB wells
4th Qrtr '03 PTI

Samplers Name / Company: Corey McCormack, TUS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VO+15	TAL Metals	Pest / PCB	BNA+35				Hexavalent Chromium	Remarks / Preservation Method
30804 01	Trip	12/12/03	0745	AQ	2	✓							—	
02	Field Blank		0835		5	✓	✓	✓	✓				—	
03	Dupe		—		5	✓	✓	✓	✓				—	
04	MB MW12		1445		5	✓	✓	✓	✓				0.0	29-32560
05	MB MW13		1051			✓	✓	✓	✓				0.0	29-32561
06	MB MW14		1138			✓	✓	✓	✓				0.0	29-32562
07	MB MW18		1043			✓	✓	✓	✓				0.0	29-39148
08	MB MW19		1002			✓	✓	✓	✓				0.0	29-39149
09	MB MW20		0953			✓	✓	✓	✓				0.0	29-39150
10	MB MW21		0928			✓	✓	✓	✓				0.0	29-39151
11	MB MW22		0912			✓	✓	✓	✓				0.0	29-39152

Comments: HCL/HNO3/4°C

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	12/12/03 1500	J. Velez			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified, (_)EDD
Turnaround time: (X)Standard 3 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks: Tide: L → IH

print legibly

COC.XLS11/18/2003

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil

NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: 121223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: MB Wells
4th Qtr '03 PH II

Samplers Name / Company: Corey McCormack, TUS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOC +15	TAL MHs	Pest / PCB	BNA +35				Hex Chrom	Comments: HCL/HNO3/<4°C Remarks / Preservation Method
30831 01	Trip	12/30/03	0725	AQ	2	✓							—	
02	Field Blank		0810		5	✓	✓	✓	✓				—	
03	Dupe		—		5	✓	✓	✓	✓				—	
04	MB MW15		1014		5	✓	✓	✓	✓				0.0	29 - 32563
05	MB MW16		0829			✓	✓	✓	✓				0.0	29 - 39146
06	MB MW17		0843			✓	✓	✓	✓				0.0	29 - 39147
07	MB MW23		0945			✓	✓	✓	✓				0.0	29 - 40128
08	MB 697MW01 *	—	0941			✓	✓	✓	✓				0.0	29 - 31776

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	12/30/03 1115	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified, (_)EDD
Turnaround time: (X)Standard 3 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:
Tide: H

print legibly

COC.XLS12/12/2003

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-8
MW#: 00M8MW12
NJDEP ID #: 29-32560
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 12 / 12 / 03
WEATHER: Sunny, Cold.
TIDE: N/A

LNAPLs: N
DNAPLs: N
ELEV. OF CASING SURVEY MARK: N/A ft
INNER CASING DIA: 4 INCH
DEPTH TO WATER: 8.38 ft
DEPTH OF WELL: 17.25 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 8.87 ft
(8.87) X 0.65 X 3 = 17.30
GALLONS OF H_2O TO BE PURGED: 17 gal
PURGE METHOD: (FLOW OF >0.5 to <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 13:30
pH 6.63 su — TEMP 13.57 °C
DISSOLVED O_2 3.27 mg/L — SPECIFIC CONDUCTIVITY 317.9 us/cm

PURGE END TIME: 14:44
pH 6.48 su — TEMP 13.29 °C
DISSOLVED O_2 2.24 mg/L — SPECIFIC CONDUCTIVITY 321.4 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.24 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 17 gal

SAMPLE START TIME: 14:45
pH 6.49 su — TEMP 13.30 °C
DISSOLVED O_2 2.21 mg/L — SPECIFIC CONDUCTIVITY 322.1 us/cm

SAMPLE END TIME: 14:49

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-8
MW#: 00M8MW13
NJDEP ID #: 29-32561
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 12 / 12 / 03
WEATHER: Sunny, Cold.
TIDE: N/A

LNAPLs: N
DNAPLs: N
ELEV. OF CASING SURVEY MARK: N/A ft
INNER CASING DIA: 4 INCH
DEPTH TO WATER: 6.25 ft
DEPTH OF WELL: 18.82 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 12.57 ft
(12.57) X 0.65 X 3 = 24.51
GALLONS OF H_2O TO BE PURGED: 25 gal
PURGE METHOD: (FLOW OF >0.5 to <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 08:57
pH 6.87 su — TEMP 13.57 °C
DISSOLVED O_2 3.22 mg/L — SPECIFIC CONDUCTIVITY 126.4 us/cm

PURGE END TIME: 10:45
pH 6.91 su — TEMP 13.40 °C
DISSOLVED O_2 2.07 mg/L — SPECIFIC CONDUCTIVITY 159.8 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.31 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 25 gal

SAMPLE START TIME: 10:46
pH 6.91 su — TEMP 13.40 °C
DISSOLVED O_2 2.09 mg/L — SPECIFIC CONDUCTIVITY 161.7 us/cm

SAMPLE END TIME: 10:51

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-8
MW#: 00M8MW14
NJDEP ID #: 29-32562
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 12 / 12 / 03
WEATHER: Sunny, Cold.
TIDE: N/A

LNAPLs: N
DNAPLs: N
ELEV. OF CASING SURVEY MARK: N/A ft
INNER CASING DIA: 4 INCH
DEPTH TO WATER: 7.03 ft
DEPTH OF WELL: 16.69 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 9.66 ft
(9.66) X 0.65 X 3 = 18.88
GALLONS OF H_2O TO BE PURGED: 19 gal
PURGE METHOD: (FLOW OF >0.5 to <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 10:15
pH 7.07 su — TEMP 13.29 °C
DISSOLVED O_2 3.27 mg/L — SPECIFIC CONDUCTIVITY 1176 us/cm

PURGE END TIME: 11:37
pH 6.98 su — TEMP 12.90 °C
DISSOLVED O_2 2.17 mg/L — SPECIFIC CONDUCTIVITY 1193 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.91 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 19 gal

SAMPLE START TIME: 11:38
pH 6.97 su — TEMP 12.91 °C
DISSOLVED O_2 2.14 mg/L — SPECIFIC CONDUCTIVITY 1194 us/cm

SAMPLE END TIME: 11:43

COMMENTS: Duplicate here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-8
MW#: 00M8MW15
NJDEP ID #: 29-32563
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 12 / 30 / 03
WEATHER: Overcast, Rainy.
TIDE: N/A

LNAPLs: N
DNAPLs: N
ELEV. OF CASING SURVEY MARK: N/A ft
INNER CASING DIA: 4 INCH
DEPTH TO WATER: 3.90 ft
DEPTH OF WELL: 16.51 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 12.61 ft
(12.61) X 0.65 X 3 = 24.58
GALLONS OF H_2O TO BE PURGED: 25 gal
PURGE METHOD: (FLOW OF >0.5 to <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 08:25
pH 7.10 su — TEMP 13.41 °C
DISSOLVED O_2 3.33 mg/L — SPECIFIC CONDUCTIVITY 161.4 us/cm

PURGE END TIME: 10:13
pH 7.02 su — TEMP 13.41 °C
DISSOLVED O_2 3.33 mg/L — SPECIFIC CONDUCTIVITY 189.3 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 5.93 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 25 gal

SAMPLE START TIME: 10:14
pH 7.01 su — TEMP 13.28 °C
DISSOLVED O_2 2.12 mg/L — SPECIFIC CONDUCTIVITY 189.2 us/cm

SAMPLE END TIME: 10:19

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-8
MW#: 00M8MW16
NJDEP ID #: 29-39146
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 12 / 30 / 03
WEATHER: Overcast, Rainy.
TIDE: N/A

LNAPLs: N
DNAPLs: N
ELEV. OF CASING SURVEY MARK: N/A ft
INNER CASING DIA: 2 INCH
DEPTH TO WATER: 8.43 ft
DEPTH OF WELL: 15.50 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 7.07 ft
(7.07) X 0.163 X 3 = 3.45
GALLONS OF H_2O TO BE PURGED: 3 gal
PURGE METHOD: (FLOW OF >0.5 to <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 08:15
pH 6.97 su — TEMP 13.24 °C
DISSOLVED O_2 3.24 mg/L — SPECIFIC CONDUCTIVITY 1014 us/cm

PURGE END TIME: 08:28
pH 6.91 su — TEMP 13.07 °C
DISSOLVED O_2 2.14 mg/L — SPECIFIC CONDUCTIVITY 1198 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.81 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 3 gal

SAMPLE START TIME: 08:29
pH 6.90 su — TEMP 13.08 °C
DISSOLVED O_2 2.14 mg/L — SPECIFIC CONDUCTIVITY 1197 us/cm

SAMPLE END TIME: 08:34

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-8
MW#: 00M8MW17
NJDEP ID #: 29-39147
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 12 / 30 / 03
WEATHER: Overcast, Rainy.
TIDE: N/A

LNAPLs: N
DNAPLs: N
ELEV. OF CASING SURVEY MARK: N/A ft
INNER CASING DIA: 2 INCH
DEPTH TO WATER: 5.91 ft
DEPTH OF WELL: 15.40 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 9.49 ft
(9.49) X 0.163 X 3 = 4.64
GALLONS OF H_2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF >0.5 to <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 08:20
pH 7.31 su — TEMP 13.41 °C
DISSOLVED O_2 3.30 mg/L — SPECIFIC CONDUCTIVITY 1268 us/cm

PURGE END TIME: 08:42
pH 7.24 su — TEMP 13.22 °C
DISSOLVED O_2 2.13 mg/L — SPECIFIC CONDUCTIVITY 1388 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.69 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 08:43
pH 7.25 su — TEMP 13.27 °C
DISSOLVED O_2 2.11 mg/L — SPECIFIC CONDUCTIVITY 1384 us/cm

SAMPLE END TIME: 08:48

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-8
MW#: 00M8MW18
NJDEP ID #: 29-39148
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 12 / 12 / 03
WEATHER: Sunny, Cold.
TIDE: N/A

LNAPLs: N
DNAPLs: N
ELEV. OF CASING SURVEY MARK: N/A ft
INNER CASING DIA: 2 INCH
DEPTH TO WATER: 6.03 ft
DEPTH OF WELL: 16.55 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 10.52ft
(10.52) X 0.163 X 3 = 5.14
GALLONS OF H_2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF >0.5 to <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 10:20
pH 7.30 su — TEMP 13.24 °C
DISSOLVED O_2 3.12 mg/L — SPECIFIC CONDUCTIVITY 139.6 us/cm

PURGE END TIME: 10:42
pH 7.21 su — TEMP 13.00 °C
DISSOLVED O_2 2.15 mg/L — SPECIFIC CONDUCTIVITY 141.7 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.24 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 10:43
pH 7.21 su — TEMP 12.99 °C
DISSOLVED O_2 2.14 mg/L — SPECIFIC CONDUCTIVITY 142.8 us/cm

SAMPLE END TIME: 10:48

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-8
MW#: 00M8MW19
NJDEP ID #: 29-39149
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 12 / 12 / 03
WEATHER: Sunny, Cold.
TIDE: N/A

LNAPLs: N
DNAPLs: N
ELEV. OF CASING SURVEY MARK: N/A ft
INNER CASING DIA: 2 INCH
DEPTH TO WATER: 6.07 ft
DEPTH OF WELL: 17.50 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 11.43 ft
(11.43) X 0.163 X 3 = 5.58
GALLONS OF H_2O TO BE PURGED: 6 gal
PURGE METHOD: (FLOW OF >0.5 to <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 09:35
pH 7.05 su — TEMP 13.37 °C
DISSOLVED O_2 3.20 mg/L — SPECIFIC CONDUCTIVITY 614.1 us/cm

PURGE END TIME: 10:01
pH 7.00 su — TEMP 13.17 °C
DISSOLVED O_2 2.19 mg/L — SPECIFIC CONDUCTIVITY 741.3 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.47 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 6 gal

SAMPLE START TIME: 10:02
pH 7.00 su — TEMP 13.16 °C
DISSOLVED O_2 2.17 mg/L — SPECIFIC CONDUCTIVITY 742.3 us/cm

SAMPLE END TIME: 10:07

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-8
MW#: 00M8MW20
NJDEP ID #: 29-39150
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 12 / 12 / 03
WEATHER: Sunny, Cold.
TIDE: N/A

LNAPLs: N
DNAPLs: N
ELEV. OF CASING SURVEY MARK: N/A ft
INNER CASING DIA: 2 INCH
DEPTH TO WATER: 7.20 ft
DEPTH OF WELL: 17.35 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 10.15 ft
(10.15) X 0.163 X 3 = 4.96
GALLONS OF H_2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF >0.5 to <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 09:20
pH 7.01 su — TEMP 13.34 °C
DISSOLVED O_2 3.24 mg/L — SPECIFIC CONDUCTIVITY 137.6 us/cm

PURGE END TIME: 09:52
pH 6.93 su — TEMP 13.11 °C
DISSOLVED O_2 2.07 mg/L — SPECIFIC CONDUCTIVITY 141.5 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.93 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 09:53
pH 6.92 su — TEMP 13.09 °C
DISSOLVED O_2 2.05 mg/L — SPECIFIC CONDUCTIVITY 141.7 us/cm

SAMPLE END TIME: 09:58

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-8
MW#: 00M8MW21
NJDEP ID #: 29-39151
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 12 / 12 / 03
WEATHER: Sunny, Cold.
TIDE: N/A

LNAPLs: N
DNAPLs: N
ELEV. OF CASING SURVEY MARK: N/A ft
INNER CASING DIA: 2 INCH
DEPTH TO WATER: 5.95 ft
DEPTH OF WELL: 15.75 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 9.80 ft
(9.80) X 0.163 X 3 = 4.79
GALLONS OF H_2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF >0.5 to <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 09:00
pH 7.11 su — TEMP 13.42 °C
DISSOLVED O_2 3.23 mg/L — SPECIFIC CONDUCTIVITY 14.71 us/cm

PURGE END TIME: 09:22
pH 7.05 su — TEMP 13.37 °C
DISSOLVED O_2 2.17 mg/L — SPECIFIC CONDUCTIVITY 15.33 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.87 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 09:23
pH 7.04 su — TEMP 13.36 °C
DISSOLVED O_2 2.16 mg/L — SPECIFIC CONDUCTIVITY 15.34 us/cm

SAMPLE END TIME: 09:28

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-8
MW#: 00M8MW22
NJDEP ID #: 29-39152
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 12 / 12 / 03
WEATHER: Sunny, Cold.
TIDE: N/A

LNAPLs: N
DNAPLs: N
ELEV. OF CASING SURVEY MARK: N/A ft
INNER CASING DIA: 2 INCH
DEPTH TO WATER: 6.17 ft
DEPTH OF WELL: 18.00 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 11.83 ft
(11.83) X 0.163 X 3 = 5.78
GALLONS OF H_2O TO BE PURGED: 6 gal
PURGE METHOD: (FLOW OF >0.5 to <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 08:45
pH 7.03 su — TEMP 13.26 °C
DISSOLVED O_2 3.22 mg/L — SPECIFIC CONDUCTIVITY 54.20 us/cm

PURGE END TIME: 09:11
pH 7.09 su — TEMP 13.07 °C
DISSOLVED O_2 2.11 mg/L — SPECIFIC CONDUCTIVITY 59.30 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.76 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 6 gal

SAMPLE START TIME: 09:12
pH 7.08 su — TEMP 13.06 °C
DISSOLVED O_2 2.12 mg/L — SPECIFIC CONDUCTIVITY 59.33 us/cm

SAMPLE END TIME: 09:17

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-8
MW#: 00M8MW23
NJDEP ID #: 29-40128
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 12 / 30 / 03
WEATHER: Rainy, Overcast.
TIDE: N/A

LNAPLs: N
DNAPLs: N
ELEV. OF CASING SURVEY MARK: N/A ft
INNER CASING DIA: 2 INCH
DEPTH TO WATER: 8.10 ft
DEPTH OF WELL: 16.72 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 8.62 ft
(8.62) X 0.163 X 3 = 16.80
GALLONS OF H_2O TO BE PURGED: 17 gal
PURGE METHOD: (FLOW OF >0.5 to <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 08:30
pH 6.27 su — TEMP 13.42 °C
DISSOLVED O_2 3.00 mg/L — SPECIFIC CONDUCTIVITY 461.7 us/cm

PURGE END TIME: 09:44
pH 6.11 su — TEMP 13.07 °C
DISSOLVED O_2 2.17 mg/L — SPECIFIC CONDUCTIVITY 581.2 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.83 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 17 gal

SAMPLE START TIME: 09:45
pH 6.09 su — TEMP 13.08 °C
DISSOLVED O_2 2.16 mg/L — SPECIFIC CONDUCTIVITY 581.3 us/cm

SAMPLE END TIME: 09:50

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-8
MW#: 0697MW01
NJDEP ID #: 29-31778
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 12 / 30 / 03
WEATHER: Rainy, Overcast.
TIDE: N/A

LNAPLs: N
DNAPLs: N
ELEV. OF CASING SURVEY MARK: N/A ft
INNER CASING DIA: 4 INCH
DEPTH TO WATER: 12.04 ft
DEPTH OF WELL: 19.80 ft
DEPTH TO TOP OF SCREEN: ft
HEIGHT OF WATER: 7.76 ft
(7.76) X 0.65 X 3 = 15.13
GALLONS OF H_2O TO BE PURGED: 15 gal
PURGE METHOD: (FLOW OF >0.5 to <5.0 GPM): PERISTALIC
PURGE RATE: 0.23 GPM
Hnu READING: 0.0 PPM

PURGE START TIME: 08:35
pH 5.87 su — TEMP 13.17 °C
DISSOLVED O_2 2.76 mg/L — SPECIFIC CONDUCTIVITY 987.6 us/cm

PURGE END TIME: 09:40
pH 5.54 su — TEMP 13.01 °C
DISSOLVED O_2 1.83 mg/L — SPECIFIC CONDUCTIVITY 997.6 us/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 13.21 ft
(SAMPLING METHOD: DEDICATED (IAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 15 gal

SAMPLE START TIME: 09:41
pH 5.54 su — TEMP 13.00 °C
DISSOLVED O_2 1.82 mg/L — SPECIFIC CONDUCTIVITY 997.7 us/cm

SAMPLE END TIME: 09:44

COMMENTS: Duplicate here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW24
NJDEP ID # 29-41724
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 11/21/03
WEATHER: Sunny, Warm
TIDE: L
WELL CONDITION: Good
LNAPLs: N
DNAPLs: N

Hnu Calibration: Span 5.33 w/ 100 ppm Isobutylene
Sonde Calibration:
pH: 7.00/10.00/4.00 Buffers
Sp. Cond/Cond: 19.9 μ ohms/cm solution (KCl)
DO: % Humidity 760mm (Barometric Pressure)
Temp. : N/A
Turb: Hach Meter; Stab Cal set for 2100p Lot A1255

ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 19.03 ft
Before Purge Start: 19.03 ft Previous Day: N/A ft After Sampling: 19.13 ft
DEPTH OF WELL: 46.32 ft
DEPTH TO TOP OF SCREEN: N/A ft
DEPTH OF PUMP/TUBE INTAKE: 32.00 ft TUBING: Food Grade ¼" Polyethylene
HEIGHT OF WATER: 27.29 ft
(27.29) X .65 X 3 = 53.21 If reg. Purge. (.65 for 4")
GALLONS OF H2O TO BE PURGED: 53 Gal
PURGE METHOD: (FLOW at >100 TO <500 gpm): 2" REDIFLO 2 GRUNDPHOS SUBMERSIBLE PUMP
Purged at * mL/Min or Gal/Min. (ml to gal.:ml(0002642)=gal)
PURGE RATE: * gpm Start 1327 @ 500+ ml/min @ to
Hnu READING: 0.0 ppm (Well) 300 ml/min @ 1328 to
Hnu READING: 0.0 ppm (Well Cap) 240 ml/min @ 1335 until end

PURGE START TIME: 1327
pH 6.52 su ORP N/A mv TEMP 13.98 °C Turb. 39.4 NTU
DISSOLVED O_2 2.17 mg/L Sp. CONDUCTIVITY 163.9 ms/cm

PURGE END TIME: 1439
pH 6.48 su ORP N/A mv TEMP 13.47 °C Turb. 2.76 NTU
DISSOLVED O_2 1.63 mg/L Sp. CONDUCTIVITY 111.7 ms/cm

DEPTH TO H2O AFTER PURGE AND SAMPLING: 19.13 ft
(SAMPLING METHOD: (Through pump and tubing. Flow cell disconnected)

SAMPLE START TIME: 1440
pH 6.47 su ORP N/A mv TEMP 13.46 °C Turb. 2.71 NTU
DISSOLVED O_2 1.62 mg/L Sp. CONDUCTIVITY 111.6 ms/cm

SAMPLE END TIME: 1445
ANALYTES : VOA+15, TAL Mtls, Pest/PCB, BNA+25
COMMENTS:

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

U: The compound was analyzed for but not detected.

B: Indicates that the compound was found in the associated method blank as well as in the sample.

J: Indicates an estimated value. This flag is used:

(1) When the mass spec and retention time data indicate the presence of a compound however the result is less than the MDL but greater than zero.

(2) When estimating the concentration of a tentatively identified compound (TIC), where a 1:1 response is assumed.

D: This flag is used to identify all compounds (target or TIC) that required a dilution.

E: Indicates the compound's concentration exceeds the calibration range of the instrument for that specific analysis.

N: This flag is only used for TICs. It indicates the presumptive evidence of a compound. For a generic characterization of a TIC, such as unknown hydrocarbon, the flag is not used.

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014919.D**	Sample Name	**MB-112503**
Operator	**Skelton**	Field ID	**MB-112503**
Date Acquired	**25 Nov 2003 3:07 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone	12.10	87516	2.35 ug/L	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB-112503**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30755 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB-112503

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014919.D

Level: (low/med) LOW Date Received: 11/21/2003

% Moisture: not dec. _____ Date Analyzed: 11/25/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB015056.D**	Sample Name	**MB-121203**
Operator	**Skelton**	Field ID	**MB-121203**
Date Acquired	**12 Dec 2003 4:18 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone	12.10	168554	2.69 ug/L	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB-121203**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30804 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB-121203

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB015056.D

Level: (low/med) LOW Date Received: 12/12/2003

% Moisture: not dec. Date Analyzed: 12/12/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB015202.D**	Sample Name	**MB 02Jan04**
Operator	**Skelton**	Field ID	**MB 02Jan04**
Date Acquired	**2 Jan 2004 3:32 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone	12.17	72140	2.32 ug/L	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 02Jan04**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30831 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 02Jan04

Sample wt/vol: 1.0 (g/ml) ML Lab File ID: VB015202.D

Level: (low/med) LOW Date Received: 12/20/2003

% Moisture: not dec. _____ Date Analyzed: 1/2/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014931.D**	Sample Name	**3075501**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**25 Nov 2003 10:49 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.76	27162	0.50 ug/L	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\624FY03.CRT

12/2/2003 1:41 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30755 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3075501

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014931.D

Level: (low/med) LOW Date Received: 11/21/2003

% Moisture: not dec. _____ Date Analyzed: 11/25/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB015068.D**	Sample Name	**3080401**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**13 Dec 2003 12:03 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.75	21015	0.39 ug/L	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30804 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3080401

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB015068.D

Level: (low/med) LOW Date Received: 12/12/2003

% Moisture: not dec. _____ Date Analyzed: 12/13/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB015214.D**	Sample Name	**3083101**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**2 Jan 2004 11:20 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30831 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3083101

Sample wt/vol: 1.0 (g/ml) ML Lab File ID: VB015214.D

Level: (low/med) LOW Date Received: 12/20/2003

% Moisture: not dec. _____ Date Analyzed: 1/2/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014932.D**	Sample Name	**3075502**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**25 Nov 2003 11:27 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.75	27437	0.51 ug/L	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30755 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3075502

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014932.D

Level: (low/med) LOW Date Received: 11/21/2003

% Moisture: not dec. Date Analyzed: 11/25/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB015069.D**	Sample Name	**3080402**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**13 Dec 2003 12:42 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.74	19430	0.37 ug/L	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30804 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3080402

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB015069.D

Level: (low/med) LOW Date Received: 12/12/2003

% Moisture: not dec. _____ Date Analyzed: 12/13/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB015215.D**	Sample Name	**3083102**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**2 Jan 2004 11:59 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30831 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3083102

Sample wt/vol: 1.0 (g/ml) ML Lab File ID: VB015215.D

Level: (low/med) LOW Date Received: 12/20/2003

% Moisture: not dec. Date Analyzed: 1/2/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000064-19-7	Acetic acid	20.63	6	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014933.D**	Sample Name	**3075503**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**26 Nov 2003 12:06 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene	18.24	55828	0.66 ug/L	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene	25.77	98622	1.45 ug/L	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30755 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3075503

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014933.D

Level: (low/med) LOW Date Received: 11/21/2003

% Moisture: not dec. Date Analyzed: 11/26/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000060-29-7	Ether	8.80	3	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB015070.D**	Sample Name	**3080403**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**13 Dec 2003 1:21 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30804 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3080403

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB015070.D

Level: (low/med) LOW Date Received: 12/12/2003

% Moisture: not dec. _____ Date Analyzed: 12/13/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB015216.D**	Sample Name	**3083103**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**3 Jan 2004 12:38 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	23.56	43281	1.34 ug/L	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30831 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3083103

Sample wt/vol: 1.0 (g/ml) ML Lab File ID: VB015216.D

Level: (low/med) LOW Date Received: 12/20/2003

% Moisture: not dec. _____ Date Analyzed: 1/3/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB015071.D**	Sample Name	**3080404**
Operator	**Skelton**	Field ID	**M8MW12**
Date Acquired	**13 Dec 2003 2:00 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone	12.06	181957	4.04 ug/L	700	1.36 ug/L	2.00 ug/L	B
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.97	46172	1.18 ug/L	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW12**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30804 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3080404

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB015071.D

Level: (low/med) LOW Date Received: 12/12/2003

% Moisture: not dec. _____ Date Analyzed: 12/13/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB015072.D**	Sample Name	**3080405**
Operator	**Skelton**	Field ID	**M8MW13**
Date Acquired	**13 Dec 2003 2:38 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW13**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30804 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3080405

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB015072.D

Level: (low/med) LOW Date Received: 12/12/2003

% Moisture: not dec. _____ Date Analyzed: 12/13/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB015073.D**	Sample Name	**3080406**
Operator	**Skelton**	Field ID	**M8MW14**
Date Acquired	**13 Dec 2003 3:17 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW14**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30804 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3080406

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB015073.D

Level: (low/med) LOW Date Received: 12/12/2003

% Moisture: not dec. Date Analyzed: 12/13/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB015217.D**	Sample Name	**3083104**
Operator	**Skelton**	Field ID	**M8MW15**
Date Acquired	**3 Jan 2004 1:17 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW15**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30831 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3083104

Sample wt/vol: 1.0 (g/ml) ML Lab File ID: VB015217.D

Level: (low/med) LOW Date Received: 12/20/2003

% Moisture: not dec. _____ Date Analyzed: 1/3/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000064-19-7	Acetic acid	20.63	7	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB015218.D**	Sample Name	**3083105**
Operator	**Skelton**	Field ID	**M8MW16**
Date Acquired	**3 Jan 2004 1:55 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene	25.77	252895	3.34 ug/L	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene	30.28	40166	0.61 ug/L	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW16**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30831 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3083105

Sample wt/vol: 1.0 (g/ml) ML Lab File ID: VB015218.D

Level: (low/med) LOW Date Received: 12/20/2003

% Moisture: not dec. Date Analyzed: 1/3/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB015219.D**	Sample Name	**3083106**
Operator	**Skelton**	Field ID	**M8MW17**
Date Acquired	**3 Jan 2004 2:34 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone	12.10	60342	1.98 ug/L	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene	25.77	51534	0.68 ug/L	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW17**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30831 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3083106

Sample wt/vol: 1.0 (g/ml) ML Lab File ID: VB015219.D

Level: (low/med) LOW Date Received: 12/20/2003

% Moisture: not dec. Date Analyzed: 1/3/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB015074.D**	Sample Name	**3080407**
Operator	**Skelton**	Field ID	**M8MW18**
Date Acquired	**13 Dec 2003 3:56 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene	25.77	57400	0.72 ug/L	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW18**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30804 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3080407

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB015074.D

Level: (low/med) LOW Date Received: 12/12/2003

% Moisture: not dec. Date Analyzed: 12/13/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB015075.D**	Sample Name	**3080408**
Operator	**Skelton**	Field ID	**M8MW19**
Date Acquired	**13 Dec 2003 4:35 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW19**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30804 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3080408

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB015075.D

Level: (low/med) LOW Date Received: 12/12/2003

% Moisture: not dec. _____ Date Analyzed: 12/13/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB015076.D**	Sample Name	**3080409**
Operator	**Skelton**	Field ID	**M8MW20**
Date Acquired	**13 Dec 2003 5:14 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW20**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30804 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3080409

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB015076.D

Level: (low/med) LOW Date Received: 12/12/2003

% Moisture: not dec. _____ Date Analyzed: 12/13/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB015077.D**	Sample Name	**3080410**
Operator	**Skelton**	Field ID	**M8MW21**
Date Acquired	**13 Dec 2003 5:52 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW21**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30804 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3080410

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB015077.D

Level: (low/med) LOW Date Received: 12/12/2003

% Moisture: not dec. Date Analyzed: 12/13/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB015078.D**	Sample Name	**3080411**
Operator	**Skelton**	Field ID	**M8MW22**
Date Acquired	**13 Dec 2003 6:31 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW22**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30804 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3080411

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB015078.D

Level: (low/med) LOW Date Received: 12/12/2003

% Moisture: not dec. _____ Date Analyzed: 12/13/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB015220.D**	Sample Name	**3083107**
Operator	**Skelton**	Field ID	**M8MW23**
Date Acquired	**3 Jan 2004 3:13 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.97	18341	0.47 ug/L	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW23**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30831 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3083107

Sample wt/vol: 1.0 (g/ml) ML Lab File ID: VB015220.D

Level: (low/med) LOW Date Received: 12/20/2003

% Moisture: not dec. _____ Date Analyzed: 1/3/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014934.D**	Sample Name	**3075504**
Operator	**Skelton**	Field ID	**M8MW24**
Date Acquired	**26 Nov 2003 12:44 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene	18.24	55160	0.65 ug/L	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene	25.77	97650	1.45 ug/L	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW24**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30755 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3075504

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014934.D

Level: (low/med) LOW Date Received: 11/21/2003

% Moisture: not dec. Date Analyzed: 11/26/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000060-29-7	Ether	8.81	4	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB015221.D**	Sample Name	**3083108**
Operator	**Skelton**	Field ID	**M8697MW01**
Date Acquired	**3 Jan 2004 3:52 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	23.56	45065	1.40 ug/L	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8697MW01**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 30831 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 3083108

Sample wt/vol: 1.0 (g/ml) ML Lab File ID: VB015221.D

Level: (low/med) LOW Date Received: 12/20/2003

% Moisture: not dec. _____ Date Analyzed: 1/3/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09058.D**	Sample Name	**MB-112503**
Operator	**BPatel**	Misc Info	**MB-112503-Aq.**
Date Acquired	**26-Nov-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09058.D**	Sample Name	**MB-112503**
Operator	**BPatel**	Misc Info	**MB-112503-Aq.**
Date Acquired	**26-Nov-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **MB-112503**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30755 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB-112503

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09058.D

Level: (low/med) LOW Date Received: 11/21/2003

% Moisture: decanted: (Y/N) N Date Extracted: 11/25/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/26/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09207.D**	Sample Name	**MB-121803**
Operator	**BPatel**	Misc Info	**MB-121803-Aq.**
Date Acquired	**19-Dec-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09207.D**	Sample Name	**MB-121803**
Operator	**BPatel**	Misc Info	**MB-121803-Aq.**
Date Acquired	**19-Dec-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **MB-121803**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30804 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB-121803

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09207.D

Level: (low/med) LOW Date Received: 12/12/2003

% Moisture: decanted: (Y/N) N Date Extracted: 12/18/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/19/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	29.54	6	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09216.D**	Sample Name	**MB-121903**
Operator	**BPatel**	Misc Info	**MB-121903-Aq.**
Date Acquired	**19-Dec-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09216.D**	Sample Name	**MB-121903**
Operator	**BPatel**	Misc Info	**MB-121903-Aq.**
Date Acquired	**19-Dec-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **MB-121903**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30804 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB-121903

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09216.D

Level: (low/med) LOW Date Received: 12/12/2003

% Moisture: decanted: (Y/N) N Date Extracted: 12/19/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/19/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09278.D**	Sample Name	**MB-010504-02**
Operator	**BPatel**	Misc Info	**MB-010504-02**
Date Acquired	**8-Jan-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09278.D**	Sample Name	**MB-010504-02**
Operator	**BPatel**	Misc Info	**MB-010504-02**
Date Acquired	**8-Jan-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **MB-010504-02**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30831 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB-010504-02

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09278.D

Level: (low/med) LOW Date Received: 12/30/2003

% Moisture: decanted: (Y/N) N Date Extracted: 1/5/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/8/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09066.D**	Sample Name	**3075502**
Operator	**BPatel**	Misc Info	**Field Blank**
Date Acquired	**26-Nov-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09066.D**	Sample Name	**3075502**
Operator	**BPatel**	Misc Info	**Field Blank**
Date Acquired	**26-Nov-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
MDL= Method Detection Limit
D= Value from dilution
NLE= No Limit Established
B= Compound in Related Blank
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30755 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3075502

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09066.D

Level: (low/med) LOW Date Received: 11/21/2003

% Moisture: decanted: (Y/N) N Date Extracted: 11/25/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/26/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09209.D**	Sample Name	**3080402**
Operator	**BPatel**	Misc Info	**Field Blank**
Date Acquired	**19-Dec-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09209.D**	Sample Name	**3080402**
Operator	**BPatel**	Misc Info	**Field Blank**
Date Acquired	**19-Dec-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30804 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3080402

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09209.D

Level: (low/med) LOW Date Received: 12/12/2003

% Moisture: decanted: (Y/N) N Date Extracted: 12/18/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/19/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	29.55	9	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09280.D**	Sample Name	**3083102**
Operator	**BPatel**	Misc Info	**Field Blank**
Date Acquired	**8-Jan-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09280.D**	Sample Name	**3083102**
Operator	**BPatel**	Misc Info	**Field Blank**
Date Acquired	**8-Jan-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
MDL= Method Detection Limit
D= Value from dilution
NLE= No Limit Established
B= Compound in Related Blank
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30831 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3083102

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09280.D

Level: (low/med) LOW Date Received: 12/30/2003

% Moisture: decanted: (Y/N) N Date Extracted: 1/5/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/8/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09067.D**	Sample Name	**3075503**
Operator	**BPatel**	Misc Info	**Dupe**
Date Acquired	**26-Nov-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09067.D**	Sample Name	**3075503**
Operator	**BPatel**	Misc Info	**Dupe**
Date Acquired	**26-Nov-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Dupe**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30755 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3075503

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09067.D

Level: (low/med) LOW Date Received: 11/21/2003

% Moisture: decanted: (Y/N) N Date Extracted: 11/25/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/26/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000057-10-3	Hexadecanoic acid	22.61	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09210.D**	Sample Name	**3080403**
Operator	**BPatel**	Misc Info	**Dupe**
Date Acquired	**19-Dec-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09210.D**	Sample Name	**3080403**
Operator	**BPatel**	Misc Info	**Dupe**
Date Acquired	**19-Dec-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Dupe**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30804 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3080403

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09210.D

Level: (low/med) LOW Date Received: 12/12/2003

% Moisture: decanted: (Y/N) N Date Extracted: 12/18/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/19/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	24.68	4	J
2. 000123-95-5	Octadecanoic acid, butyl ester	26.42	4	JN
3.	unknown	29.55	5	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09281.D**	Sample Name	**3083103**
Operator	**BPatel**	Misc Info	**Dupe**
Date Acquired	**8-Jan-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09281.D**	Sample Name	**3083103**
Operator	**BPatel**	Misc Info	**Dupe**
Date Acquired	**8-Jan-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Dupe**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30831 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3083103

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09281.D

Level: (low/med) LOW Date Received: 12/30/2003

% Moisture: decanted: (Y/N) N Date Extracted: 1/5/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/8/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09211.D**	Sample Name	**3080404**
Operator	**BPatel**	Misc Info	**M8MW12**
Date Acquired	**19-Dec-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09211.D**	Sample Name	**3080404**
Operator	**BPatel**	Misc Info	**M8MW12**
Date Acquired	**19-Dec-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW12**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30804 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3080404

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09211.D

Level: (low/med) LOW Date Received: 12/12/2003

% Moisture: decanted: (Y/N) N Date Extracted: 12/18/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/19/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	24.69	7	J
2. 000123-95-5	Octadecanoic acid, butyl ester	26.42	7	JN
3. 000301-02-0	9-Octadecenamide, (Z)-	29.55	7	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09212.D**	Sample Name	**3080405**
Operator	**BPatel**	Misc Info	**M8MW13**
Date Acquired	**19-Dec-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09212.D**	Sample Name	**3080405**
Operator	**BPatel**	Misc Info	**M8MW13**
Date Acquired	**19-Dec-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW13**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30804 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3080405

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09212.D

Level: (low/med) LOW Date Received: 12/12/2003

% Moisture: decanted: (Y/N) N Date Extracted: 12/18/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/19/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	24.69	5	J
2. 000123-95-5	Octadecanoic acid, butyl ester	26.42	4	JN
3.	unknown	29.54	6	J
4.	unknown	34.56	20	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09217.D**	Sample Name	**3080406**
Operator	**BPatel**	Misc Info	**M8MW14**
Date Acquired	**19-Dec-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09217.D**	Sample Name	**3080406**
Operator	**BPatel**	Misc Info	**M8MW14**
Date Acquired	**19-Dec-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW14**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30804 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3080406

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09217.D

Level: (low/med) LOW Date Received: 12/12/2003

% Moisture: decanted: (Y/N) N Date Extracted: 12/19/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/19/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000301-02-0	9-Octadecenamide, (Z)-	29.54	6	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09282.D**	Sample Name	**3083104**
Operator	**BPatel**	Misc Info	**M8MW15**
Date Acquired	**8-Jan-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09282.D**	Sample Name	**3083104**
Operator	**BPatel**	Misc Info	**M8MW15**
Date Acquired	**8-Jan-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range

MDL= Method Detection Limit

D= Value from dilution

NLE= No Limit Established

B= Compound in Related Blank

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW15**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30831 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3083104

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09282.D

Level: (low/med) LOW Date Received: 12/30/2003

% Moisture: decanted: (Y/N) N Date Extracted: 1/5/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/8/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	34.12	58	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09283.D**	Sample Name	**3083105**
Operator	**BPatel**	Misc Info	**M8MW16**
Date Acquired	**8-Jan-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09283.D**	Sample Name	**3083105**
Operator	**BPatel**	Misc Info	**M8MW16**
Date Acquired	**8-Jan-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW16**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30831 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3083105

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09283.D

Level: (low/med) LOW Date Received: 12/30/2003

% Moisture: decanted: (Y/N) N Date Extracted: 1/5/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/8/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	24.59	5	J
2. 000123-95-5	Octadecanoic acid, butyl ester	26.31	4	JN
3. 000301-02-0	9-Octadecenamide, (Z)-	29.43	4	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09284.D**	Sample Name	**3083106**
Operator	**BPatel**	Misc Info	**M8MW17**
Date Acquired	**8-Jan-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene	17.47	130336	3.52 ug/L	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09284.D**	Sample Name	**3083106**
Operator	**BPatel**	Misc Info	**M8MW17**
Date Acquired	**8-Jan-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW17**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30831 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3083106

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09284.D

Level: (low/med) LOW Date Received: 12/30/2003

% Moisture: decanted: (Y/N) N Date Extracted: 1/5/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/8/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	29.44	8	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09218.D**	Sample Name	**3080407**
Operator	**BPatel**	Misc Info	**M8MW18**
Date Acquired	**19-Dec-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09218.D**	Sample Name	**3080407**
Operator	**BPatel**	Misc Info	**M8MW18**
Date Acquired	**19-Dec-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW18**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30804 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3080407

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09218.D

Level: (low/med) LOW Date Received: 12/12/2003

% Moisture: decanted: (Y/N) N Date Extracted: 12/19/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/19/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09219.D**	Sample Name	**3080408**
Operator	**BPatel**	Misc Info	**M8MW19**
Date Acquired	**19-Dec-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09219.D**	Sample Name	**3080408**
Operator	**BPatel**	Misc Info	**M8MW19**
Date Acquired	**19-Dec-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW19**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30804 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3080408

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09219.D

Level: (low/med) LOW Date Received: 12/12/2003

% Moisture: decanted: (Y/N) N Date Extracted: 12/19/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/19/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	34.57	54	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09220.D**	Sample Name	**3080409**
Operator	**BPatel**	Misc Info	**M8MW20**
Date Acquired	**19-Dec-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09220.D**	Sample Name	**3080409**
Operator	**BPatel**	Misc Info	**M8MW20**
Date Acquired	**19-Dec-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW20**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30804 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3080409

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09220.D

Level: (low/med) LOW Date Received: 12/12/2003

% Moisture: decanted: (Y/N) N Date Extracted: 12/19/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/19/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000301-02-0	9-Octadecenamide, (Z)-	29.55	5	JN
2.	unknown	34.57	22	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09221.D**	Sample Name	**3080410**
Operator	**BPatel**	Misc Info	**M8MW21**
Date Acquired	**19-Dec-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09221.D**	Sample Name	**3080410**
Operator	**BPatel**	Misc Info	**M8MW21**
Date Acquired	**19-Dec-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW21**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30804 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3080410

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09221.D

Level: (low/med) LOW Date Received: 12/12/2003

% Moisture: decanted: (Y/N) N Date Extracted: 12/19/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/19/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000301-02-0	9-Octadecenamide, (Z)-	29.54	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09222.D**	Sample Name	**3080411**
Operator	**BPatel**	Misc Info	**M8MW22**
Date Acquired	**19-Dec-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09222.D**	Sample Name	**3080411**
Operator	**BPatel**	Misc Info	**M8MW22**
Date Acquired	**19-Dec-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW22**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30804 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3080411

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09222.D

Level: (low/med) LOW Date Received: 12/12/2003

% Moisture: decanted: (Y/N) N Date Extracted: 12/19/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/19/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	34.59	140	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09285.D**	Sample Name	**3083107**
Operator	**BPatel**	Misc Info	**M8MW23**
Date Acquired	**8-Jan-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09285.D**	Sample Name	**3083107**
Operator	**BPatel**	Misc Info	**M8MW23**
Date Acquired	**8-Jan-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW23**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30831 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3083107

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09285.D

Level: (low/med) LOW Date Received: 12/30/2003

% Moisture: decanted: (Y/N) N Date Extracted: 1/5/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/8/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	24.58	4	J
2.	unknown	34.13	56	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09068.D**	Sample Name	**3075504**
Operator	**BPatel**	Misc Info	**M8MW24**
Date Acquired	**26-Nov-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09068.D**	Sample Name	**3075504**
Operator	**BPatel**	Misc Info	**M8MW24**
Date Acquired	**26-Nov-03**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW24**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30755 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3075504

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09068.D

Level: (low/med) LOW Date Received: 11/21/2003

% Moisture: decanted: (Y/N) N Date Extracted: 11/25/2003

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/26/2003

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000057-10-3	Hexadecanoic acid	22.61	6	JN
2.	unknown	34.73	26	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09286.D**	Sample Name	**3083108**
Operator	**BPatel**	Misc Info	**M8697MW01**
Date Acquired	**8-Jan-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09286.D**	Sample Name	**3083108**
Operator	**BPatel**	Misc Info	**M8697MW01**
Date Acquired	**8-Jan-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8697MW01**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 30831 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3083108

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09286.D

Level: (low/med) LOW Date Received: 12/30/2003

% Moisture: decanted: (Y/N) N Date Extracted: 1/5/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/8/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

U.S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

TABULATED ANALYTICAL REPORT
SW 846 608
Pesticides/PCB

mb 112403 Aq

Matrix: Aqueous
Date Extracted: 11/24/2003
Ext. Batch: 112403
Filename: 01785.D
Date Analysed: 11/24/2003

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.0011
319-85-7	beta-BHC	ND	0.0050
58-89-9	gamma-BHC	ND	0.0013
319-86-8	delta-BHC	ND	0.0016
76-44-8	Heptachlor	ND	0.0035
309-00-2	Aldrin	ND	0.0026
1024-57-3	Heptachlor epoxide	ND	0.0020
5103-74-2	gamma-Chlordane	ND	0.0007
5103-71-9	alpha-Chlordane	ND	0.0036
959-98-8	Endosulfan I	ND	0.0016
72-55-9	4,4'-DDE	ND	0.0021
60-57-1	Dieldrin	ND	0.0020
72-20-8	Endrin	ND	0.0032
33213-65-9	Endosulfan II	ND	0.0022
72-54-8	4,4'-DDD	ND	0.0020
7421-93-4	Endrin aldehyde	ND	0.0100
50-29-3	4,4'-DDT	ND	0.0052
1031-07-8	Endosulfan sulfate	ND	0.0026
53494-70-5	Endrin ketone	ND	0.0026
72-43-5	Methoxychlor	ND	0.0100
8001-35-2	Toxaphene	ND	0.0157
12674-11-2	Arochlor 1016	ND	0.0683
11104-28-2	Arochlor 1221	ND	0.0666
11141-16-5	Arochlor 1232	ND	0.0648
53469-21-9	Arochlor 1242	ND	0.0485
12672-29-6	Arochlor 1248	ND	0.0544
11097-69-1	Arochlor 1254	ND	0.0608
11096-82-5	Arochlor 1260	ND	0.0732

MDL = METHOD DETECTION LIMIT
ND =NOT DETECTED, BELOW MDL

Initial vol. (ml): 1000
Final vol. (ml): 10

U.S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

TABULATED ANALYTICAL REPORT
SW 846 608
Pesticides/PCB

mb 121703-02

Matrix: Aqueous
Date Extracted: 12/17/2003
Ext. Batch: 121703
Filename: 01902.D
Date Analysed: 12/17/2003

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.0011
319-85-7	beta-BHC	ND	0.0050
58-89-9	gamma-BHC	ND	0.0013
319-86-8	delta-BHC	ND	0.0016
76-44-8	Heptachlor	ND	0.0035
309-00-2	Aldrin	ND	0.0026
1024-57-3	Heptachlor epoxide	ND	0.0020
5103-74-2	gamma-Chlordane	ND	0.0007
5103-71-9	alpha-Chlordane	ND	0.0036
959-98-8	Endosulfan I	ND	0.0016
72-55-9	4,4'-DDE	ND	0.0021
60-57-1	Dieldrin	ND	0.0020
72-20-8	Endrin	ND	0.0032
33213-65-9	Endosulfan II	ND	0.0022
72-54-8	4,4'-DDD	ND	0.0020
7421-93-4	Endrin aldehyde	ND	0.0100
50-29-3	4,4'-DDT	ND	0.0052
1031-07-8	Endosulfan sulfate	ND	0.0026
53494-70-5	Endrin ketone	ND	0.0026
72-43-5	Methoxychlor	ND	0.0100
8001-35-2	Toxaphene	ND	0.0157
12674-11-2	Arochlor 1016	ND	0.0683
11104-28-2	Arochlor 1221	ND	0.0666
11141-16-5	Arochlor 1232	ND	0.0648
53469-21-9	Arochlor 1242	ND	0.0485
12672-29-6	Arochlor 1248	ND	0.0544
11097-69-1	Arochlor 1254	ND	0.0608
11096-82-5	Arochlor 1260	ND	0.0732

MDL = METHOD DETECTION LIMIT
ND =NOT DETECTED, BELOW MDL

Initial vol. (ml): 1000
Final vol. (ml): 10

U.S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

TABULATED ANALYTICAL REPORT
SW 846 608
Pesticides/PCB

mb 010203

Matrix: Aqueous
Date Extracted: 1/2/2004
Ext. Batch: 010204
Filename: 01985.D
Date Analysed: 1/2/2004

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.0011
319-85-7	beta-BHC	ND	0.0050
58-89-9	gamma-BHC	ND	0.0013
319-86-8	delta-BHC	ND	0.0016
76-44-8	Heptachlor	ND	0.0035
309-00-2	Aldrin	ND	0.0026
1024-57-3	Heptachlor epoxide	ND	0.0020
5103-74-2	gamma-Chlordane	ND	0.0007
5103-71-9	alpha-Chlordane	ND	0.0036
959-98-8	Endosulfan I	ND	0.0016
72-55-9	4,4'-DDE	ND	0.0021
60-57-1	Dieldrin	ND	0.0020
72-20-8	Endrin	ND	0.0032
33213-65-9	Endosulfan II	ND	0.0022
72-54-8	4,4'-DDD	ND	0.0020
7421-93-4	Endrin aldehyde	ND	0.0100
50-29-3	4,4'-DDT	ND	0.0052
1031-07-8	Endosulfan sulfate	ND	0.0026
53494-70-5	Endrin ketone	ND	0.0026
72-43-5	Methoxychlor	ND	0.0100
8001-35-2	Toxaphene	ND	0.0157
12674-11-2	Arochlor 1016	ND	0.0683
11104-28-2	Arochlor 1221	ND	0.0666
11141-16-5	Arochlor 1232	ND	0.0648
53469-21-9	Arochlor 1242	ND	0.0485
12672-29-6	Arochlor 1248	ND	0.0544
11097-69-1	Arochlor 1254	ND	0.0608
11096-82-5	Arochlor 1260	ND	0.0732

MDL = METHOD DETECTION LIMIT
ND =NOT DETECTED, BELOW MDL

Initial vol. (ml): 1000
Final vol. (ml): 10

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Lo Flo Wells, 4th Qrtr. '03
Field ID: FIELDBLANK
Lab ID: 3075502
Filename: 01793.D
Lab Project : 30755

Location: M8 Lo Flo Wells, 4th Qrtr. '(
MATRIX: Aqueous
Ext. Batch: 112403
Date Extracted: 11/24/2003
Date Analyzed: 24-Nov-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	NLE		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 4th Qrtr. '03
Field ID: FIELDBLANK
Lab ID: 3080402
Filename: 01905.D
Lab Project : 30804

Location: M8 Wells 4th Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 121703
Date Extracted: 12/17/03
Date Analyzed: 12/17/03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS	Reporting Limit	Regulatory Level	Qualifier	MDL
		(ug/L)	(ug/L)	(ug/L)		(ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

***Higher of PQL's and ground water criteria as per NJAC 7:9-6**
***Results between MDL and RL are estimated.**
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 wells 4th Qtr. '03
Field ID: FIELDBLANK
Lab ID: 3083102
Filename: 01987.D
Lab Project : 30831

Location: M8 wells 4th Qtr. '03
MATRIX: Aqueous
Ext. Batch: 010204
Date Extracted: 01/02/04
Date Analyzed: 01/02/04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

***Higher of PQL's and ground water criteria as per NJAC 7:9-6**
***Results between MDL and RL are estimated.**
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Lo Flo Wells, 4th Qrtr. '03
Field ID: Dupe
Lab ID: 3075503
Filename: 01794.D
Lab Project : 30755

Location: M8 Lo Flo Wells, 4th Qrtr. '(
MATRIX: Aqueous
Ext. Batch: 112403
Date Extracted: 11/24/2003
Date Analyzed: 24-Nov-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	NLE		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 4th Qrtr. '03
Field ID: Dupe
Lab ID: 3080403
Filename: 01906.D
Lab Project : 30804

Location: M8 Wells 4th Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 121703
Date Extracted: 12/17/03
Date Analyzed: 12/17/03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10.0

***Higher of PQL's and ground water criteria as per NJAC 7:9-6**
***Results between MDL and RL are estimated.**
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 wells 4th Qrtr. '03
Field ID: Dupe
Lab ID: 3083103
Filename: 01988.D
Lab Project : 30831

Location: M8 wells 4th Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 010204
Date Extracted: 01/02/04
Date Analyzed: 01/03/04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	0.034	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	0.23	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	0.23	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	0.51	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	0.28	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10.0

***Higher of PQL's and ground water criteria as per NJAC 7:9-6**
***Results between MDL and RL are estimated.**
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 4th Qrtr. '03
Field ID: M8MW12
Lab ID: 3080404
Filename: 01907.D
Lab Project : 30804

Location: M8 Wells 4th Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 121703
Date Extracted: 12/17/03
Date Analyzed: 12/17/03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.2		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

***Higher of PQL's and ground water criteria as per NJAC 7:9-6**
***Results between MDL and RL are estimated.**
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 4th Qrtr. '03
Field ID: M8MW13
Lab ID: 3080405
Filename: 01908.D
Lab Project : 30804

Location: M8 Wells 4th Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 121703
Date Extracted: 12/17/03
Date Analyzed: 12/17/03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.2		0.0050
58-89-9	gamma-BHC	ND	0.02	0.2		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	0.0052	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

***Higher of PQL's and ground water criteria as per NJAC 7:9-6**
***Results between MDL and RL are estimated.**
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 4th Qrtr. '03
Field ID: M8MW14
Lab ID: 3080406
Filename: 01909.D
Lab Project : 30804

Location: M8 Wells 4th Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 121703
Date Extracted: 12/17/03
Date Analyzed: 12/17/03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.2		0.0050
58-89-9	gamma-BHC	ND	0.02	0.2		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

***Higher of PQL's and ground water criteria as per NJAC 7:9-6**
***Results between MDL and RL are estimated.**
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 wells 4th Qrtr. '03
Field ID: M8 MW15
Lab ID: 3083104
Filename: 01989.D
Lab Project : 30831

Location: M8 wells 4th Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 010204
Date Extracted: 01/02/04
Date Analyzed: 01/03/04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS	Reporting Limit	Regulatory Level	Qualifier	MDL
		(ug/L)	(ug/L)	(ug/L)		(ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.2		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

***Higher of PQL's and ground water criteria as per NJAC 7:9-6**
***Results between MDL and RL are estimated.**
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 wells 4th Qrtr. '03
Field ID: M8 MW16
Lab ID: 3083105
Filename: 01990.D
Lab Project : 30831

Location: M8 wells 4th Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 010204
Date Extracted: 01/02/04
Date Analyzed: 01/03/04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.2		0.0050
58-89-9	gamma-BHC	ND	0.02	0.2		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

***Higher of PQL's and ground water criteria as per NJAC 7:9-6**
***Results between MDL and RL are estimated.**
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 wells 4th Qrtr. '03
Field ID: M8 MW17
Lab ID: 3083106
Filename: 01991.D
Lab Project : 30831

Location: M8 wells 4th Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 010204
Date Extracted: 01/02/04
Date Analyzed: 01/03/04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.2		0.0050
58-89-9	gamma-BHC	ND	0.02	0.2		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

***Higher of PQL's and ground water criteria as per NJAC 7:9-6**
***Results between MDL and RL are estimated.**
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 4th Qrtr. '03
Field ID: M8MW18
Lab ID: 3080407
Filename: 01910.D
Lab Project : 30804

Location: M8 Wells 4th Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 121703
Date Extracted: 12/17/03
Date Analyzed: 12/17/03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	0.036	0.02	0.2		0.0050
58-89-9	gamma-BHC	ND	0.02	0.2		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.4		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	0.0076	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	0.004	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	0.0056	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

ground water criteria as per NJAC 7:9-6
***Results between MDL and RL are estimated.**
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 4th Qrtr. '03
Field ID: M8MW19
Lab ID: 3080408
Filename: 01911.D
Lab Project : 30804

Location: M8 Wells 4th Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 121703
Date Extracted: 12/17/03
Date Analyzed: 12/17/03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.2		0.0050
58-89-9	gamma-BHC	ND	0.02	0.2		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.4		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.2		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.5		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

ground water criteria as per NJAC 7:9-6
***Results between MDL and RL are estimated.**
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 4th Qrtr. '03
Field ID: M8MW20
Lab ID: 3080409
Filename: 01912.D
Lab Project : 30804

Location: M8 Wells 4th Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 121703
Date Extracted: 12/17/03
Date Analyzed: 12/17/03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.2		0.0050
58-89-9	gamma-BHC	ND	0.02	0.2		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.4		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.2		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.5		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.5		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

ground water criteria as per NJAC 7:9-6
***Results between MDL and RL are estimated.**
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 4th Qrtr. '03
Field ID: M8MW21
Lab ID: 3080410
Filename: 01913.D
Lab Project : 30804

Location: M8 Wells 4th Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 121703
Date Extracted: 12/17/03
Date Analyzed: 12/17/03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.2		0.0050
58-89-9	gamma-BHC	ND	0.02	0.2		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.4		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.2		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.5		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.5		0.0036
959-98-8	Endosulfan I	ND	0.02	0.4		0.0016
72-55-9	4,4'-DDE	0.0031	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	0.0023	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(mil) 10

ground water criteria as per NJAC 7:9-6
***Results between MDL and RL are estimated.**
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells 4th Qrtr. '03
Field ID: M8MW22
Lab ID: 3080411
Filename: 01914.D
Lab Project : 30804

Location: M8 Wells 4th Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 121703
Date Extracted: 12/17/03
Date Analyzed: 12/17/03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.2		0.0050
58-89-9	gamma-BHC	ND	0.02	0.2		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.4		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.2		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.5		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.5		0.0036
959-98-8	Endosulfan I	ND	0.02	0.4		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.1		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

ground water criteria as per NJAC 7:9-6
***Results between MDL and RL are estimated.**
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 wells 4th Qrtr. '03
Field ID: M8 MW23
Lab ID: 3083107
Filename: 01992.D
Lab Project : 30831

Location: M8 wells 4th Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 010204
Date Extracted: 01/02/04
Date Analyzed: 01/03/04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.2		0.0050
58-89-9	gamma-BHC	ND	0.02	0.2		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.4		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

***Higher of PQL's and ground water criteria as per NJAC 7:9-6**
***Results between MDL and RL are estimated.**
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Lo Flo Wells, 4th Qrtr. '03
Field ID: M8MW24
Lab ID: 3075504
Filename: 01795.D
Lab Project : 30755

Location: M8 Lo Flo Wells, 4th Qrtr. '(
MATRIX: Aqueous
Ext. Batch: 112403
Date Extracted: 11/24/2003
Date Analyzed: 24-Nov-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	NLE		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Lo Flo Wells, 4th Qrtr. '03
Field ID: M8MW24
Lab ID: 3075504
Filename: 01795.D
Lab Project : 30755

Location: M8 Lo Flo Wells, 4th Qrtr. '(
MATRIX: Aqueous
Ext. Batch: 112403
Date Extracted: 11/24/2003
Date Analyzed: 24-Nov-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	NLE		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 wells 4th Qrtr. '03
Field ID: M8 697MW01
Lab ID: 3083108
Filename: 01993.D
Lab Project : 30831

Location: M8 wells 4th Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 010204
Date Extracted: 01/02/04
Date Analyzed: 01/03/04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.2		0.0050
58-89-9	gamma-BHC	ND	0.02	0.2		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	0.043	0.02	0.4		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	0.3	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	0.28	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	0.63	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	0.39	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

ground water criteria as per NJAC 7:9-6
***Results between MDL and RL are estimated.**
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 30755
Sample Received: NA
Sample Matrix: Aqueous

Site: M8
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	11/25/03	51.9	200	200	21.8
Antimony	11/25/03	ND	20	20.0	3.70
Arsenic	11/25/03	3.25	8	5.00	2.30
Barium	11/25/03	ND	2000	5.00	0.50
Beryllium	11/25/03	0.029	20	0.50	0.02
Cadmium	11/25/03	ND	4	2.00	0.40
Calcium	11/25/03	ND	NLE	1000	65.0
Chromium	11/25/03	ND	100	5.00	1.00
Cobalt	11/25/03	ND	NLE	2.00	0.30
Copper	11/25/03	ND	1000	5.00	0.30
Iron	11/25/03	ND	300	500	78.0
Lead	11/25/03	ND	10	5.00	0.80
Magnesium	11/25/03	ND	NLE	1000	11.0
Manganese	11/25/03	ND	50	5.00	0.90
Mercury	12/01/03	ND	2	0.50	0.10
Nickel	11/25/03	ND	100	5.00	0.70
Potassium	11/25/03	246	NLE	1000	25.0
Selenium	11/25/03	ND	50	20.0	4.80
Silver	11/25/03	ND	20	5.00	0.60
Sodium	11/25/03	ND	50000	5000	1160
Thallium	11/25/03	ND	10	10.0	1.90
Vanadium	11/25/03	ND	NLE	5.00	0.20
Zinc	11/25/03	ND	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 30804
Sample Received: NA
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	12/18/03	34.8	200	200	21.8
Antimony	12/18/03	ND	20	20.0	3.70
Arsenic	12/18/03	ND	8	5.00	2.30
Barium	12/18/03	ND	2000	5.00	0.50
Beryllium	12/18/03	ND	20	0.50	0.02
Cadmium	12/18/03	ND	4	2.00	0.40
Calcium	12/18/03	ND	NLE	1000	65.0
Chromium	12/18/03	ND	100	5.00	1.00
Cobalt	12/18/03	ND	NLE	2.00	0.30
Copper	12/18/03	0.884	1000	5.00	0.30
Iron	12/18/03	ND	300	500	78.00
Lead	12/18/03	ND	10	5.00	0.80
Magnesium	12/18/03	ND	NLE	1000	11.00
Manganese	12/18/03	ND	50	5.00	0.90
Mercury	12/18/03	ND	2	0.50	0.150
Nickel	12/18/03	ND	100	5.00	0.70
Potassium	12/18/03	217	NLE	1000	25.0
Selenium	12/18/03	8.00	50	20.0	4.80
Silver	12/18/03	ND	20	5.00	0.60
Sodium	12/18/03	ND	50000	5000	1160
Thallium	12/18/03	ND	10	10.0	1.90
Vanadium	12/18/03	ND	NLE	5.00	0.20
Zinc	12/18/03	ND	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 30831
Sample Received: NA
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	01/15/04	ND	200	200	21.8
Antimony	01/15/04	ND	20	20.0	3.70
Arsenic	01/15/04	ND	8	5.00	2.30
Barium	01/15/04	ND	2000	5.00	0.50
Beryllium	01/15/04	ND	20	0.50	0.02
Cadmium	01/15/04	ND	4	2.00	0.40
Calcium	01/15/04	ND	NLE	1000	65.0
Chromium	01/15/04	ND	100	5.00	1.00
Cobalt	01/15/04	ND	NLE	2.00	0.30
Copper	01/15/04	ND	1000	5.00	0.30
Iron	01/15/04	ND	300	500	78.00
Lead	01/15/04	ND	10	5.00	0.80
Magnesium	01/15/04	ND	NLE	1000	11.00
Manganese	01/15/04	ND	50	5.00	0.90
Mercury	01/23/04	ND	2	0.50	0.100
Nickel	01/15/04	ND	100	5.00	0.70
Potassium	01/15/04	332	NLE	1000	25.0
Selenium	01/15/04	ND	50	20.0	4.80
Silver	01/15/04	ND	20	5.00	0.60
Sodium	01/15/04	ND	50000	5000	1160
Thallium	01/15/04	ND	10	10.0	1.90
Vanadium	01/15/04	ND	NLE	5.00	0.20
Zinc	01/15/04	ND	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3075502
Sample Received: 11/21/03
Sample Matrix: AQ

Site: M8

Field ID: Field Blank

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	11/25/03	ND	200	200	21.8
Antimony	11/25/03	ND	20	20.00	3.70
Arsenic	11/25/03	4.92	8	5.00	2.30
Barium	11/25/03	ND	2000	5.00	0.500
Beryllium	11/25/03	0.062	20	0.500	0.020
Cadmium	11/25/03	ND	4	2.00	0.400
Calcium	11/25/03	ND	NLE	1000	65.00
Chromium	11/25/03	ND	100	5.00	1.00
Cobalt	11/25/03	ND	NLE	2.00	0.300
Copper	11/25/03	ND	1000	5.00	0.300
Iron	11/25/03	ND	300	500	78.00
Lead	11/25/03	ND	10	5.00	0.800
Magnesium	11/25/03	ND	NLE	1000	11.00
Manganese	11/25/03	ND	50	5.00	0.900
Mercury	12/01/03	ND	2	0.500	0.10
Nickel	11/25/03	ND	100	5.00	0.700
Potassium	11/25/03	51.9	NLE	1000	25.00
Selenium	11/25/03	ND	50	20.00	4.80
Silver	11/25/03	ND	20	5.00	0.600
Sodium	11/25/03	ND	50000	5000	1160
Thallium	11/25/03	ND	10	10.00	1.90
Vanadium	11/25/03	ND	NLE	5.00	0.200
Zinc	11/25/03	ND	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L. = Reporting limit. Note: The results reported between MDL and RL are estimated.

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3080402
Sample Received: 12/12/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: Field Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	12/18/03	ND	200	200	21.8
Antimony	12/18/03	ND	20	20.0	3.70
Arsenic	12/18/03	ND	8	5.00	2.30
Barium	12/18/03	ND	2000	5.00	0.50
Beryllium	12/18/03	ND	20	0.50	0.02
Cadmium	12/18/03	ND	4	2.00	0.40
Calcium	12/18/03	ND	NLE	1000	65.0
Chromium	12/18/03	ND	100	5.00	1.00
Cobalt	12/18/03	ND	NLE	2.00	0.30
Copper	12/18/03	ND	1000	5.00	0.30
Iron	12/18/03	ND	300	500	78.00
Lead	12/18/03	ND	10	5.00	0.80
Magnesium	12/18/03	ND	NLE	1000	11.00
Manganese	12/18/03	1.94	50	5.00	0.90
Mercury	12/18/03	ND	2	0.50	0.10
Nickel	12/18/03	ND	100	5.00	0.70
Potassium	12/18/03	157	NLE	1000	25.0
Selenium	12/18/03	6.41	50	20.0	4.80
Silver	12/18/03	ND	20	5.00	0.60
Sodium	12/18/03	ND	50000	5000	1160
Thallium	12/18/03	ND	10	10.0	1.90
Vanadium	12/18/03	ND	NLE	5.00	0.20
Zinc	12/18/03	ND	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3083102
Sample Received: 12/30/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: Field Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	01/15/04	ND	200	200	21.8
Antimony	01/15/04	ND	20	20.0	3.70
Arsenic	01/15/04	ND	8	5.00	2.30
Barium	01/15/04	ND	2000	5.00	0.50
Beryllium	01/15/04	ND	20	0.50	0.02
Cadmium	01/15/04	ND	4	2.00	0.40
Calcium	01/15/04	ND	NLE	1000	65.0
Chromium	01/15/04	ND	100	5.00	1.00
Cobalt	01/15/04	ND	NLE	2.00	0.30
Copper	01/15/04	ND	1000	5.00	0.30
Iron	01/15/04	ND	300	500	78.00
Lead	01/15/04	ND	10	5.00	0.80
Magnesium	01/15/04	ND	NLE	1000	11.00
Manganese	01/15/04	ND	50	5.00	0.90
Mercury	01/23/04	ND	2	0.50	0.100
Nickel	01/15/04	ND	100	5.00	0.70
Potassium	01/15/04	185	NLE	1000	25.0
Selenium	01/15/04	5.8	50	20.0	4.80
Silver	01/15/04	ND	20	5.00	0.60
Sodium	01/15/04	ND	50000	5000	1160
Thallium	01/15/04	ND	10	10.0	1.90
Vanadium	01/15/04	0.306	NLE	5.00	0.20
Zinc	01/15/04	4.92	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3075503
Sample Received: 11/21/03
Sample Matrix: AQ

Site: M8

Field ID: Dupe

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	11/25/03	ND	200	200	21.8
Antimony	11/25/03	ND	20	20.00	3.70
Arsenic	11/25/03	ND	8	5.00	2.30
Barium	11/25/03	139	2000	5.00	0.500
Beryllium	11/25/03	0.049	20	0.500	0.020
Cadmium	11/25/03	ND	4	2.00	0.400
Calcium	11/25/03	49500	NLE	1000	65.00
Chromium	11/25/03	ND	100	5.00	1.00
Cobalt	11/25/03	ND	NLE	2.00	0.300
Copper	11/25/03	ND	1000	5.00	0.300
Iron	11/25/03	7670	300	500	78.00
Lead	11/25/03	ND	10	5.00	0.800
Magnesium	11/25/03	7160	NLE	1000	11.00
Manganese	11/25/03	62.3	50	5.00	0.900
Mercury	12/01/03	ND	2	0.500	0.10
Nickel	11/25/03	ND	100	5.00	0.700
Potassium	11/25/03	9780	NLE	1000	25.00
Selenium	11/25/03	ND	50	20.00	4.80
Silver	11/25/03	ND	20	5.00	0.600
Sodium	11/25/03	24400	50000	5000	1160
Thallium	11/25/03	ND	10	10.00	1.90
Vanadium	11/25/03	ND	NLE	5.00	0.200
Zinc	11/25/03	ND	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L. = Reporting limit. Note: The results reported between MDL and RL are estimated.

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3080403
Sample Received: 12/12/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: Duplicate

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	12/18/03	ND	200	200	21.8
Antimony	12/18/03	ND	20	20.0	3.70
Arsenic	12/18/03	ND	8	5.00	2.30
Barium	12/18/03	57.0	2000	5.00	0.50
Beryllium	12/18/03	0.059	20	0.50	0.02
Cadmium	12/18/03	ND	4	2.00	0.40
Calcium	12/18/03	123000	NLE	1000	65.0
Chromium	12/18/03	ND	100	5.00	1.00
Cobalt	12/18/03	ND	NLE	2.00	0.30
Copper	12/18/03	1.10	1000	5.00	0.30
Iron	12/18/03	13400	300	500	78.00
Lead	12/18/03	ND	10	5.00	0.80
Magnesium	12/18/03	9320	NLE	1000	11.00
Manganese	12/18/03	198	50	5.00	0.90
Mercury	12/18/03	ND	2	0.50	0.10
Nickel	12/18/03	8.17	100	5.00	0.70
Potassium	12/18/03	5890	NLE	1000	25.0
Selenium	12/18/03	ND	50	20.0	4.80
Silver	12/18/03	ND	20	5.00	0.60
Sodium	12/18/03	10600	50000	5000	1160
Thallium	12/18/03	ND	10	10.0	1.90
Vanadium	12/18/03	1.65	NLE	5.00	0.20
Zinc	12/18/03	35.7	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3083103
Sample Received: 12/20/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: Duplicate

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	01/15/04	500	200	200	21.8
Antimony	01/15/04	ND	20	20.0	3.70
Arsenic	01/15/04	ND	8	5.00	2.30
Barium	01/15/04	21.5	2000	5.00	0.50
Beryllium	01/15/04	0.121	20	0.50	0.02
Cadmium	01/15/04	0.695	4	2.00	0.40
Calcium	01/15/04	10100	NLE	1000	65.0
Chromium	01/15/04	6.18	100	5.00	1.00
Cobalt	01/15/04	2.47	NLE	2.00	0.30
Copper	01/15/04	0.883	1000	5.00	0.30
Iron	01/15/04	4340	300	500	78.00
Lead	01/15/04	ND	10	5.00	0.80
Magnesium	01/15/04	3890	NLE	1000	11.00
Manganese	01/15/04	15.8	50	5.00	0.90
Mercury	01/23/04	ND	2	0.50	0.100
Nickel	01/15/04	11.6	100	5.00	0.70
Potassium	01/15/04	2470	NLE	1000	25.0
Selenium	01/15/04	ND	50	20.0	4.80
Silver	01/15/04	ND	20	5.00	0.60
Sodium	01/15/04	46000	50000	5000	1160
Thallium	01/15/04	ND	10	10.0	1.90
Vanadium	01/15/04	4.66	NLE	5.00	0.20
Zinc	01/15/04	14.6	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3080404
Sample Received: 12/12/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW12

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	12/18/03	863	200	200	21.8
Antimony	12/18/03	ND	20	20.0	3.70
Arsenic	12/18/03	9.95	8	5.00	2.30
Barium	12/18/03	13.7	2000	5.00	0.50
Beryllium	12/18/03	0.089	20	0.50	0.02
Cadmium	12/18/03	ND	4	2.00	0.40
Calcium	12/18/03	18400	NLE	1000	65.0
Chromium	12/18/03	8.22	100	5.00	1.00
Cobalt	12/18/03	ND	NLE	2.00	0.30
Copper	12/18/03	ND	1000	5.00	0.30
Iron	12/18/03	20500	300	500	78.00
Lead	12/18/03	1.09	10	5.00	0.80
Magnesium	12/18/03	5510	NLE	1000	11.00
Manganese	12/18/03	48.6	50	5.00	0.90
Mercury	12/18/03	ND	2	0.50	0.10
Nickel	12/18/03	1.32	100	5.00	0.70
Potassium	12/18/03	4860	NLE	1000	25.0
Selenium	12/18/03	ND	50	20.0	4.80
Silver	12/18/03	ND	20	5.00	0.60
Sodium	12/18/03	149000 E	50000	5000	1160
Thallium	12/18/03	ND	10	10.0	1.90
Vanadium	12/18/03	7.09	NLE	5.00	0.20
Zinc	12/18/03	13.3	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3080405
Sample Received: 12/12/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW13

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	12/18/03	683	200	200	21.8
Antimony	12/18/03	ND	20	20.0	3.70
Arsenic	12/18/03	ND	8	5.00	2.30
Barium	12/18/03	85.6	2000	5.00	0.50
Beryllium	12/18/03	ND	20	0.50	0.02
Cadmium	12/18/03	1.82	4	2.00	0.40
Calcium	12/18/03	253000 E	NLE	1000	65.0
Chromium	12/18/03	6.09	100	5.00	1.00
Cobalt	12/18/03	ND	NLE	2.00	0.30
Copper	12/18/03	26.8	1000	5.00	0.30
Iron	12/18/03	3630	300	500	78.00
Lead	12/18/03	6.26	10	5.00	0.80
Magnesium	12/18/03	61700	NLE	1000	11.00
Manganese	12/18/03	103	50	5.00	0.90
Mercury	12/18/03	ND	2	0.50	0.10
Nickel	12/18/03	9.40	100	5.00	0.70
Potassium	12/18/03	25600	NLE	1000	25.0
Selenium	12/18/03	ND	50	20.0	4.80
Silver	12/18/03	ND	20	5.00	0.60
Sodium	12/18/03	422000 E	50000	5000	1160
Thallium	12/18/03	ND	10	10.0	1.90
Vanadium	12/18/03	3.24	NLE	5.00	0.20
Zinc	12/18/03	850	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3080406
Sample Received: 12/12/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW14

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	12/18/03	122	200	200	21.8
Antimony	12/18/03	ND	20	20.0	3.70
Arsenic	12/18/03	5.40	8	5.00	2.30
Barium	12/18/03	60.3	2000	5.00	0.50
Beryllium	12/18/03	0.094	20	0.50	0.02
Cadmium	12/18/03	ND	4	2.00	0.40
Calcium	12/18/03	123000	NLE	1000	65.0
Chromium	12/18/03	2.42	100	5.00	1.00
Cobalt	12/18/03	ND	NLE	2.00	0.30
Copper	12/18/03	5.58	1000	5.00	0.30
Iron	12/18/03	21800	300	500	78.00
Lead	12/18/03	2.23	10	5.00	0.80
Magnesium	12/18/03	9350	NLE	1000	11.00
Manganese	12/18/03	201	50	5.00	0.90
Mercury	12/18/03	ND	2	0.50	0.10
Nickel	12/18/03	9.72	100	5.00	0.70
Potassium	12/18/03	8170	NLE	1000	25.0
Selenium	12/18/03	ND	50	20.0	4.80
Silver	12/18/03	ND	20	5.00	0.60
Sodium	12/18/03	11100	50000	5000	1160
Thallium	12/18/03	ND	10	10.0	1.90
Vanadium	12/18/03	3.51	NLE	5.00	0.20
Zinc	12/18/03	77.6	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3083104
Sample Received: 12/20/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW15

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	01/15/04	83.1	200	200	21.8
Antimony	01/15/04	ND	20	20.0	3.70
Arsenic	01/15/04	ND	8	5.00	2.30
Barium	01/15/04	41.9	2000	5.00	0.50
Beryllium	01/15/04	0.0213	20	0.50	0.02
Cadmium	01/15/04	0.626	4	2.00	0.40
Calcium	01/15/04	81300	NLE	1000	65.0
Chromium	01/15/04	1.95	100	5.00	1.00
Cobalt	01/15/04	0.606	NLE	2.00	0.30
Copper	01/15/04	8.70	1000	5.00	0.30
Iron	01/15/04	5530	300	500	78.00
Lead	01/15/04	1.33	10	5.00	0.80
Magnesium	01/15/04	18700	NLE	1000	11.00
Manganese	01/15/04	122	50	5.00	0.90
Mercury	01/23/04	ND	2	0.50	0.100
Nickel	01/15/04	8.98	100	5.00	0.70
Potassium	01/15/04	8520	NLE	1000	25.0
Selenium	01/15/04	ND	50	20.0	4.80
Silver	01/15/04	ND	20	5.00	0.60
Sodium	01/15/04	136000	50000	5000	1160
Thallium	01/15/04	ND	10	10.0	1.90
Vanadium	01/15/04	2.54	NLE	5.00	0.20
Zinc	01/15/04	48.6	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3083105
Sample Received: 12/20/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW16

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	01/15/04	20300	200	200	21.8
Antimony	01/15/04	ND	20	20.0	3.70
Arsenic	01/15/04	5.67	8	5.00	2.30
Barium	01/15/04	127	2000	5.00	0.50
Beryllium	01/15/04	4.95	20	0.50	0.02
Cadmium	01/15/04	33.5	4	2.00	0.40
Calcium	01/15/04	151000	NLE	1000	65.0
Chromium	01/15/04	54.3	100	5.00	1.00
Cobalt	01/15/04	3.76	NLE	2.00	0.30
Copper	01/15/04	202	1000	5.00	0.30
Iron	01/15/04	78300	300	500	78.00
Lead	01/15/04	90.2	10	5.00	0.80
Magnesium	01/15/04	49300	NLE	1000	11.00
Manganese	01/15/04	529	50	5.00	0.90
Mercury	01/23/04	4.59	2	0.50	0.100
Nickel	01/15/04	43.2	100	5.00	0.70
Potassium	01/15/04	24200	NLE	1000	25.0
Selenium	01/15/04	ND	50	20.0	4.80
Silver	01/15/04	ND	20	5.00	0.60
Sodium	01/15/04	200000 E	50000	5000	1160
Thallium	01/15/04	ND	10	10.0	1.90
Vanadium	01/15/04	30.0	NLE	5.00	0.20
Zinc	01/15/04	841	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3083106
Sample Received: 12/20/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW17

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	01/15/04	803	200	200	21.8
Antimony	01/15/04	ND	20	20.0	3.70
Arsenic	01/15/04	7.65	8	5.00	2.30
Barium	01/15/04	106	2000	5.00	0.50
Beryllium	01/15/04	0.082	20	0.50	0.02
Cadmium	01/15/04	0.537	4	2.00	0.40
Calcium	01/15/04	233000 E	NLE	1000	65.0
Chromium	01/15/04	8.47	100	5.00	1.00
Cobalt	01/15/04	3.13	NLE	2.00	0.30
Copper	01/15/04	7.50	1000	5.00	0.30
Iron	01/15/04	17000	300	500	78.00
Lead	01/15/04	6.25	10	5.00	0.80
Magnesium	01/15/04	21500	NLE	1000	11.00
Manganese	01/15/04	306	50	5.00	0.90
Mercury	01/23/04	ND	2	0.50	0.100
Nickel	01/15/04	2.72	100	5.00	0.70
Potassium	01/15/04	9660	NLE	1000	25.0
Selenium	01/15/04	ND	50	20.0	4.80
Silver	01/15/04	ND	20	5.00	0.60
Sodium	01/15/04	36000	50000	5000	1160
Thallium	01/15/04	ND	10	10.0	1.90
Vanadium	01/15/04	9.32	NLE	5.00	0.20
Zinc	01/15/04	41.7	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3080407
Sample Received: 12/12/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW18

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	12/18/03	786	200	200	21.8
Antimony	12/18/03	ND	20	20.0	3.70
Arsenic	12/18/03	ND	8	5.00	2.30
Barium	12/18/03	263	2000	5.00	0.50
Beryllium	12/18/03	0.095	20	0.50	0.02
Cadmium	12/18/03	7.41	4	2.00	0.40
Calcium	12/18/03	196000	NLE	1000	65.0
Chromium	12/18/03	8.16	100	5.00	1.00
Cobalt	12/18/03	0.905	NLE	2.00	0.30
Copper	12/18/03	16.8	1000	5.00	0.30
Iron	12/18/03	5490	300	500	78.00
Lead	12/18/03	34.3	10	5.00	0.80
Magnesium	12/18/03	121000	NLE	1000	11.00
Manganese	12/18/03	158	50	5.00	0.90
Mercury	12/18/03	ND	2	0.50	0.10
Nickel	12/18/03	14.3	100	5.00	0.70
Potassium	12/18/03	41600	NLE	1000	25.0
Selenium	12/18/03	ND	50	20.0	4.80
Silver	12/18/03	ND	20	5.00	0.60
Sodium	12/18/03	751000 E	50000	5000	1160
Thallium	12/18/03	ND	10	10.0	1.90
Vanadium	12/18/03	4.25	NLE	5.00	0.20
Zinc	12/18/03	1060	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3080408
Sample Received: 12/12/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW19

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	12/18/03	ND	200	200	21.8
Antimony	12/18/03	ND	20	20.0	3.70
Arsenic	12/18/03	ND	8	5.00	2.30
Barium	12/18/03	70.7	2000	5.00	0.50
Beryllium	12/18/03	0.031	20	0.50	0.02
Cadmium	12/18/03	1.18	4	2.00	0.40
Calcium	12/18/03	145000	NLE	1000	65.0
Chromium	12/18/03	1.41	100	5.00	1.00
Cobalt	12/18/03	0.461	NLE	2.00	0.30
Copper	12/18/03	3.40	1000	5.00	0.30
Iron	12/18/03	4760	300	500	78.00
Lead	12/18/03	ND	10	5.00	0.80
Magnesium	12/18/03	36100	NLE	1000	11.00
Manganese	12/18/03	146	50	5.00	0.90
Mercury	12/18/03	ND	2	0.50	0.10
Nickel	12/18/03	18.5	100	5.00	0.70
Potassium	12/18/03	14100	NLE	1000	25.0
Selenium	12/18/03	ND	50	20.0	4.80
Silver	12/18/03	ND	20	5.00	0.60
Sodium	12/18/03	270000 E	50000	5000	1160
Thallium	12/18/03	ND	10	10.0	1.90
Vanadium	12/18/03	0.999	NLE	5.00	0.20
Zinc	12/18/03	448	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3080409
Sample Received: 12/12/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW20

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	12/18/03	808	200	200	21.8
Antimony	12/18/03	ND	20	20.0	3.70
Arsenic	12/18/03	2.92	8	5.00	2.30
Barium	12/18/03	23.4	2000	5.00	0.50
Beryllium	12/18/03	0.162	20	0.50	0.02
Cadmium	12/18/03	4.35	4	2.00	0.40
Calcium	12/18/03	26100	NLE	1000	65.0
Chromium	12/18/03	39.8	100	5.00	1.00
Cobalt	12/18/03	1.76	NLE	2.00	0.30
Copper	12/18/03	9.02	1000	5.00	0.30
Iron	12/18/03	8370	300	500	78.00
Lead	12/18/03	2.87	10	5.00	0.80
Magnesium	12/18/03	44600	NLE	1000	11.00
Manganese	12/18/03	27.0	50	5.00	0.90
Mercury	12/18/03	ND	2	0.50	0.10
Nickel	12/18/03	6.01	100	5.00	0.70
Potassium	12/18/03	34600	NLE	1000	25.0
Selenium	12/18/03	ND	50	20.0	4.80
Silver	12/18/03	ND	20	5.00	0.60
Sodium	12/18/03	348000 E	50000	5000	1160
Thallium	12/18/03	ND	10	10.0	1.90
Vanadium	12/18/03	23.0	NLE	5.00	0.20
Zinc	12/18/03	233	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3080410
Sample Received: 12/12/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW21

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	12/18/03	1100	200	200	21.8
Antimony	12/18/03	ND	20	20.0	3.70
Arsenic	12/18/03	ND	8	5.00	2.30
Barium	12/18/03	18.7	2000	5.00	0.50
Beryllium	12/18/03	0.057	20	0.50	0.02
Cadmium	12/18/03	1.15	4	2.00	0.40
Calcium	12/18/03	72600	NLE	1000	65.0
Chromium	12/18/03	8.60	100	5.00	1.00
Cobalt	12/18/03	ND	NLE	2.00	0.30
Copper	12/18/03	10.4	1000	5.00	0.30
Iron	12/18/03	5070	300	500	78.00
Lead	12/18/03	4.78	10	5.00	0.80
Magnesium	12/18/03	38800	NLE	1000	11.00
Manganese	12/18/03	77.3	50	5.00	0.90
Mercury	12/18/03	ND	2	0.50	0.10
Nickel	12/18/03	7.05	100	5.00	0.70
Potassium	12/18/03	22000	NLE	1000	25.0
Selenium	12/18/03	ND	50	20.0	4.80
Silver	12/18/03	ND	20	5.00	0.60
Sodium	12/18/03	294000 E	50000	5000	1160
Thallium	12/18/03	ND	10	10.0	1.90
Vanadium	12/18/03	4.54	NLE	5.00	0.20
Zinc	12/18/03	332	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3080411
Sample Received: 12/12/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW22

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	12/18/03	625	200	200	21.8
Antimony	12/18/03	ND	20	20.0	3.70
Arsenic	12/18/03	3.87	8	5.00	2.30
Barium	12/18/03	37.5	2000	5.00	0.50
Beryllium	12/18/03	0.408	20	0.50	0.02
Cadmium	12/18/03	1.39	4	2.00	0.40
Calcium	12/18/03	75700	NLE	1000	65.0
Chromium	12/18/03	5.19	100	5.00	1.00
Cobalt	12/18/03	3.91	NLE	2.00	0.30
Copper	12/18/03	8.27	1000	5.00	0.30
Iron	12/18/03	20500	300	500	78.00
Lead	12/18/03	2.69	10	5.00	0.80
Magnesium	12/18/03	101000	NLE	1000	11.00
Manganese	12/18/03	493	50	5.00	0.90
Mercury	12/18/03	ND	2	0.50	0.10
Nickel	12/18/03	11.2	100	5.00	0.70
Potassium	12/18/03	50500	NLE	1000	25.0
Selenium	12/18/03	ND	50	20.0	4.80
Silver	12/18/03	ND	20	5.00	0.60
Sodium	12/18/03	834000 E	50000	5000	1160
Thallium	12/18/03	ND	10	10.0	1.90
Vanadium	12/18/03	5.27	NLE	5.00	0.20
Zinc	12/18/03	631	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3083107
Sample Received: 12/20/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW23

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	01/15/04	305	200	200	21.8
Antimony	01/15/04	ND	20	20.0	3.70
Arsenic	01/15/04	9.69	8	5.00	2.30
Barium	01/15/04	11.7	2000	5.00	0.50
Beryllium	01/15/04	0.092	20	0.50	0.02
Cadmium	01/15/04	ND	4	2.00	0.40
Calcium	01/15/04	55900	NLE	1000	65.0
Chromium	01/15/04	2.94	100	5.00	1.00
Cobalt	01/15/04	0.393	NLE	2.00	0.30
Copper	01/15/04	4.58	1000	5.00	0.30
Iron	01/15/04	2050	300	500	78.00
Lead	01/15/04	10.7	10	5.00	0.80
Magnesium	01/15/04	6950	NLE	1000	11.00
Manganese	01/15/04	231	50	5.00	0.90
Mercury	01/23/04	ND	2	0.50	0.100
Nickel	01/15/04	5.36	100	5.00	0.70
Potassium	01/15/04	4840	NLE	1000	25.0
Selenium	01/15/04	ND	50	20.0	4.80
Silver	01/15/04	ND	20	5.00	0.60
Sodium	01/15/04	7510	50000	5000	1160
Thallium	01/15/04	ND	10	10.0	1.90
Vanadium	01/15/04	2.07	NLE	5.00	0.20
Zinc	01/15/04	1070	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3075504
Sample Received: 11/21/03
Sample Matrix: AQ

Site: M8

Field ID: M8MW24

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	11/25/03	ND	200	200	21.8
Antimony	11/25/03	ND	20	20.00	3.70
Arsenic	11/25/03	ND	8	5.00	2.30
Barium	11/25/03	138	2000	5.00	0.500
Beryllium	11/25/03	0.038	20	0.500	0.020
Cadmium	11/25/03	ND	4	2.00	0.400
Calcium	11/25/03	49200	NLE	1000	65.00
Chromium	11/25/03	ND	100	5.00	1.00
Cobalt	11/25/03	ND	NLE	2.00	0.300
Copper	11/25/03	ND	1000	5.00	0.300
Iron	11/25/03	7640	300	500	78.00
Lead	11/25/03	ND	10	5.00	0.800
Magnesium	11/25/03	7170	NLE	1000	11.00
Manganese	11/25/03	62.0	50	5.00	0.900
Mercury	12/01/03	ND	2	0.500	0.10
Nickel	11/25/03	ND	100	5.00	0.700
Potassium	11/25/03	9780	NLE	1000	25.00
Selenium	11/25/03	ND	50	20.00	4.80
Silver	11/25/03	ND	20	5.00	0.600
Sodium	11/25/03	24500	50000	5000	1160
Thallium	11/25/03	ND	10	10.00	1.90
Vanadium	11/25/03	ND	NLE	5.00	0.200
Zinc	11/25/03	ND	5000	50.00	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L. = Reporting limit. Note: The results reported between MDL and RL are estimated.

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3083108
Sample Received: 12/20/03
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: 697MW01

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)	MDL (ug/L)
Aluminum	01/15/04	1090	200	200	21.8
Antimony	01/15/04	ND	20	20.0	3.70
Arsenic	01/15/04	2.44	8	5.00	2.30
Barium	01/15/04	22.5	2000	5.00	0.50
Beryllium	01/15/04	0.224	20	0.50	0.02
Cadmium	01/15/04	0.857	4	2.00	0.40
Calcium	01/15/04	9870	NLE	1000	65.0
Chromium	01/15/04	13.6	100	5.00	1.00
Cobalt	01/15/04	2.31	NLE	2.00	0.30
Copper	01/15/04	2.32	1000	5.00	0.30
Iron	01/15/04	7900	300	500	78.00
Lead	01/15/04	ND	10	5.00	0.80
Magnesium	01/15/04	4030	NLE	1000	11.00
Manganese	01/15/04	18.3	50	5.00	0.90
Mercury	01/23/04	ND	2	0.50	0.100
Nickel	01/15/04	11.7	100	5.00	0.70
Potassium	01/15/04	3490	NLE	1000	25.0
Selenium	01/15/04	ND	50	20.0	4.80
Silver	01/15/04	ND	20	5.00	0.60
Sodium	01/15/04	44100	50000	5000	1160
Thallium	01/15/04	ND	10	10.0	1.90
Vanadium	01/15/04	8.00	NLE	5.00	0.20
Zinc	01/15/04	18.4	5000	50.0	1.60

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. Note: The results reported between MDL and RL are estimated.
E = Estimated result. Over high standard

	Lab	2-Butan one	Tetra chloro ethene	cis-1,2-Di chloro ethene	Aluminum	Iron	Manganese	Sodium	Lead	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	300	1	10	200	300	50	50000	10	-	-
06/24/1997	FMETL	ND	5.04	ND	56	370	22	38400	-	9.45	V,S,P,M
08/25/1997	FMETL	ND	4.96	ND	170.4	760	43	32350	-	9.80	V,S,P,M
10/31/1997	FMETL	ND	7.64	ND	182	19	7.7	18610	-	10.10	V,S,P,M
02/25/1998	FMETL	ND	2.25	ND	7205	18860	34.8	15640	-	7.31	V,S,P,M
06/04/1998	FMETL	ND	5.49	ND	1210	6520	14.1	16820	-	8.41	V,S,P,M
08/28/1998	FMETL	2.50	5.56	ND	6580	18800	55.5	30700	-	10.29	V,S,P,M
11/04/1998	FMETL	ND	21.68	ND	1110	3360	13	22100	-	10.86	V,S,P,M
01/27/1999	FMETL	ND	4.27	ND	5040	16700	27.3	20800	3	8.84	V,S,P,M
06/22/1999	FMETL	2.89	46.06	ND	197	1380	13.6	38000	ND	9.91	V,S,P,M
09/23/1999	FMETL	ND	11.77	ND	1930	5190	12.9	25000	ND	9.52	V,S,P,M
12/28/1999	FMETL	ND	19.76	ND	ND	144	6.80	24100	ND	8.76	V,S,P,M
03/15/2000	FMETL	ND	15.64	ND	1240	3860	12.0	16800	ND	8.86	V,S,P,M
06/05/2000	FMETL	ND	10.89	ND	355	3090	12.4	36400	ND	9.28	V,S,P,M
06/05/2000D	FMETL	ND	6.66	ND	253	2970	12.1	36200	ND	9.28	V,S,P,M
09/06/2000	FMETL	ND	7.63	ND	1760	8540	13.9	43600	ND	9.06	V,S,P,M
09/06/2000D	FMETL	ND	6.93	ND	1410	8760	17.0	44600	1.40	9.06	V,S,P,M
12/13/2000	FMETL	ND	3.42	ND	401	2100	6.29	27000	ND	9.86	V,S,P,M
12/13/2000D	FMETL	ND	6.68	ND	434	2320	6.77	26900	ND	9.86	V,S,P,M
03/20/2001	FMETL	ND	4.72	ND	870	3420	19.3	29800	3.00	8.54	V,S,P,M
06/08/2001	FMETL	ND	6.59	ND	508	14000	136	82300	1.46	8.47	V,S,P,M
06/08/2001D	FMETL	ND	6.41	ND	409	13500	135	82200	1.53	8.47	V,S,P,M
09/24/2001	FMETL	ND	7.24	ND	2530	23300	148	125000	2.97	10.30	V,S,P,M
12/17/2001	FMETL	ND	25.43	ND	290	14800	67.8	101000	2.08	10.81	V,S,P,M
12/17/2001D	FMETL	ND	15.60	ND	328	15200	63.8	97500	3.23	10.81	V,S,P,M
03/21/2002	FMETL	ND	29.19	ND	568	4750	19.6	74000	ND	9.49	V,S,P,M
06/11/2002	FMETL	ND	29.04	ND	553	3890	21.1	62700	ND	8.75	V,S,P,M
09/23/2002	FMETL	14.04	11.44	ND	847	42100	156	51200	3.78	9.42	V,S,P,M
12/13/2002	FMETL	59.80	9.51	2.03	133	24900	64.2	50400	ND	8.08	V,S,P,M
03/21/2003	FMETL	2.78	4.45	ND	80.3	5310	20.6	24700	ND	8.30	V,S,P,M
05/30/2003	FMETL	ND	3.10	ND	4000	27900	62.6	51900	8.61	8.52	V,S,P,M
08/22/2003	FMETL	9.29	ND	2.73	264	118000E	341	355000E	3.52	9.34	V,S,P,M
12/12/2003	FMETL	ND	ND	1.18	863	20500	48.6	149000E	1.09	8.38	V,S,P,M

SOURCE: 00M8MW12

Sampling Dates:
06/24/1997 - 12/12/2003

NOTES:

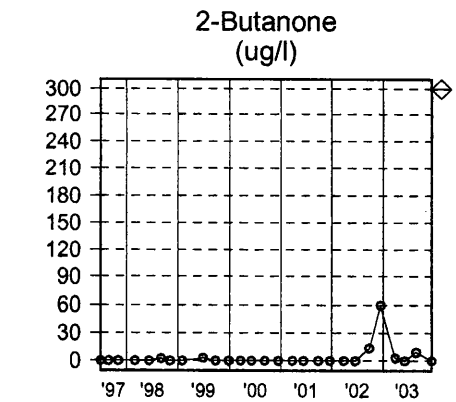
FORT MONMOUTH

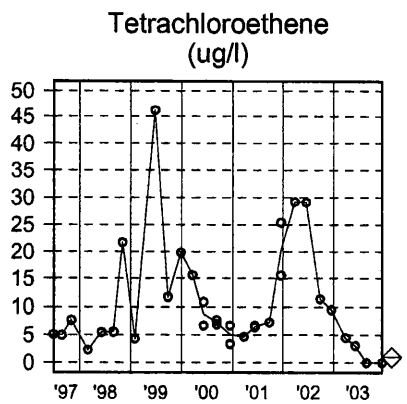
GW MONITORING
M-8 Bldg 697

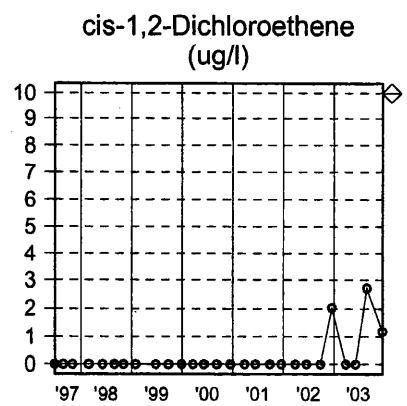
Source 1 of 14

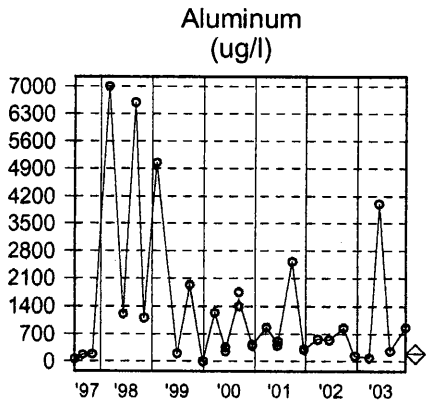
Silver in blank > Criteria, sample date 6/97.

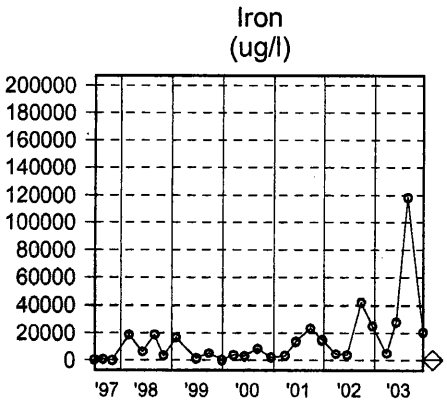
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

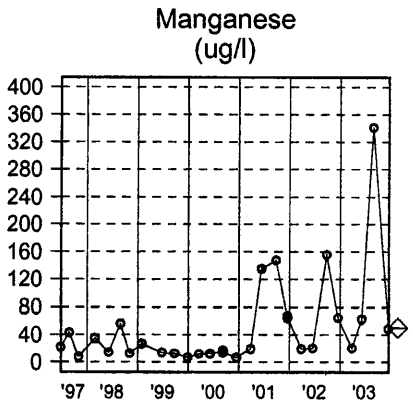


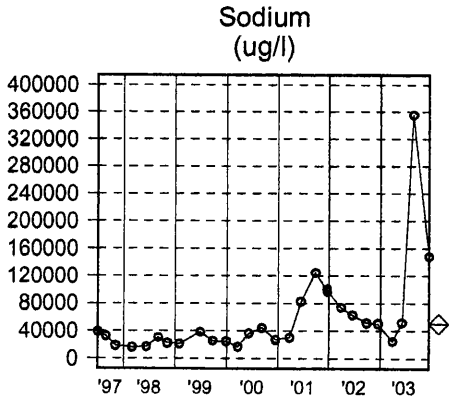


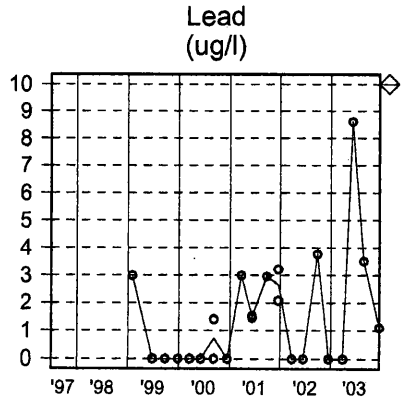


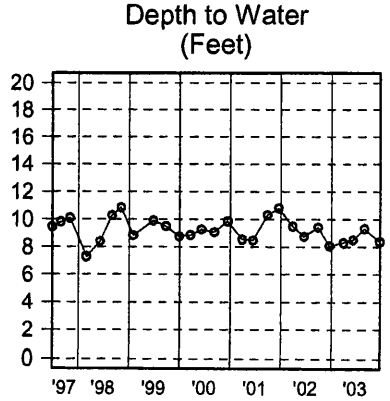












SOURCE: 00M8MW12

Sampling Dates:
06/24/1997 - 12/12/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 1 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-08-2004 \\Gar045\ENVR_Data\MtechData\M-8\M8.WSF

	Lab	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	200	300	50	50000	8	100	10	-		-
06/24/1997	FMETL	364	23650	148	1083000	-	-	-	7.00		V,S,P,M
08/25/1997	FMETL	661	21830	135	155200	-	-	-	7.00		V,S,P,M
10/31/1997	FMETL	231	12560	234	3854000	-	-	-	7.00		V,S,P,M
02/25/1998	FMETL	3514	12190	35.5	113900	-	-	-	5.95		V,S,P,M
06/04/1998	FMETL	2039	41310	170	13970	-	-	-	6.71		V,S,P,M
08/28/1998	FMETL	225	24800	165	3540000	-	-	-	6.42		V,S,P,M
11/04/1998	FMETL	292	18300	160	4500000	-	-	-	6.17		V,S,P,M
01/27/1999	FMETL	577	5640	30.5	139000	ND	7.72	3.61	6.51		V,S,P,M
06/22/1999	FMETL	1720	26200	204	2800000	3.12	3.05	ND	6.78		V,S,P,M
09/23/1999	FMETL	138	14400	149	1420000	ND	11.1	3.76	6.30		V,S,P,M
12/28/1999	FMETL	360	6410	14.3	204000	ND	7.09	5.96	6.83		V,S,P,M
03/15/2000	FMETL	815	6950	9.23	131000	2.31	8.32	4.14	6.62		V,S,P,M
06/05/2000	FMETL	141	13900	207	364000	3.01	22.4	ND	6.05		V,S,P,M
09/06/2000	FMETL	642	12300	65.0	489000	2.59	ND	27.0	6.66		V,S,P,M
12/13/2000	FMETL	1490	15600	70.9	379000	7.46	18.4	10.6	7.12		V,S,P,M
03/20/2001	FMETL	870	3440	19.2	29500	ND	8.90	1.00	6.56		V,S,M,P
06/08/2001	FMETL	1180	42800	561	364000	6.69	7.62	31.2	6.76		V,S,P,M
09/24/2001	FMETL	660	64900	636	2570000	ND	9.64	6.13	6.84		V,S,P,M
12/17/2001	FMETL	1270	68700	409	ND	6.01	10.0	29.3	5.64		V,S,P,M
03/21/2002	FMETL	506	3430	25.1	240000	4.37	3.47	4.62	6.47		V,S,P,M
06/11/2002	FMETL	883	5770	97.4	504000	ND	6.88	8.08	6.40		V,S,P,M
09/23/2002	FMETL	179	38200	421	2110000	ND	5.43	5.99	5.58		V,S,P,M
12/10/2002	FMETL	12.6	5940	204	700000	ND	2.41	ND	5.21		V,S,P,M
03/21/2003	FMETL	222	16400	4.35	179000	3.27	2.10	9.38	6.29		V,S,P,M
05/30/2003	FMETL	1810	11200	54.5	251000	2.34	10.5	9.56	6.55		V,S,P,M
08/22/2003	FMETL	447	22400	319	655000E	4.01	3.55	1.63	6.67		V,S,P,M
12/12/2003	FMETL	683	3630	103	422000E	ND	6.09	6.26	6.25		V,S,P,M

SOURCE: 00M8MW13

Sampling Dates:
06/24/1997 - 12/12/2003

NOTES:

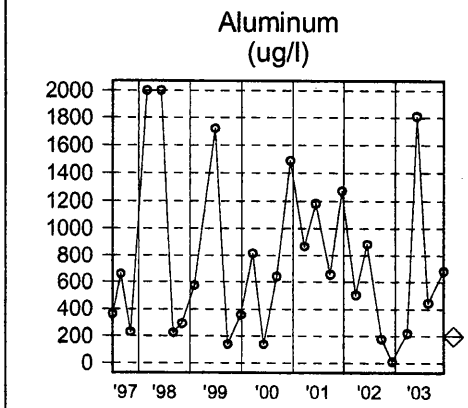
FORT MONMOUTH

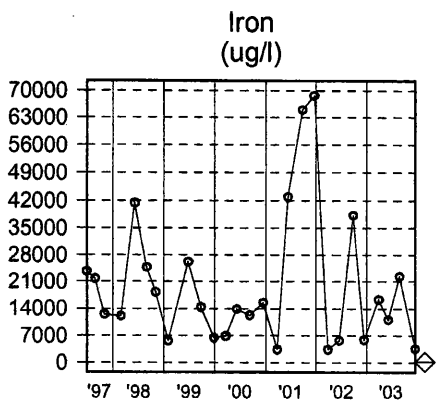
GW MONITORING
M-8 Bldg 697

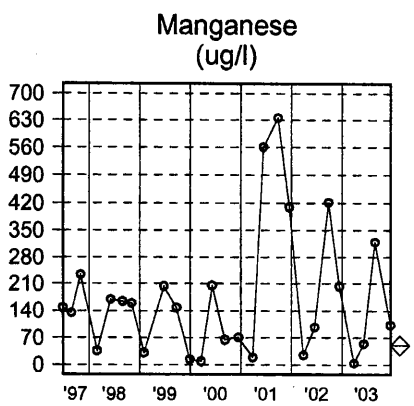
Source 2 of 14

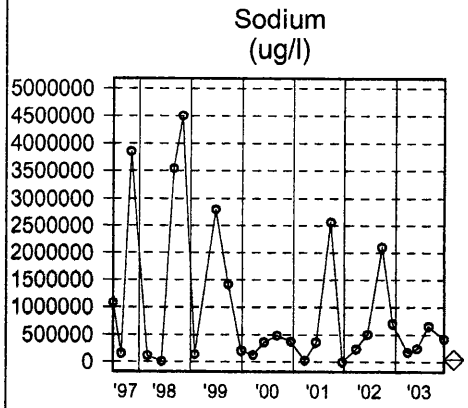
Silver in blank > Criteria, sample date 6/97.

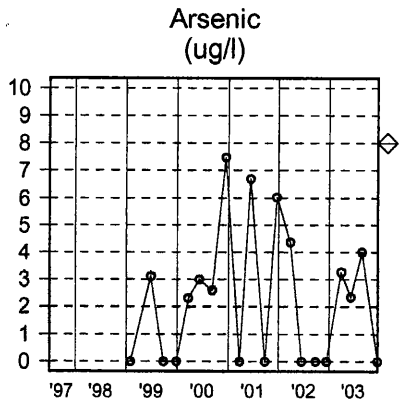
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

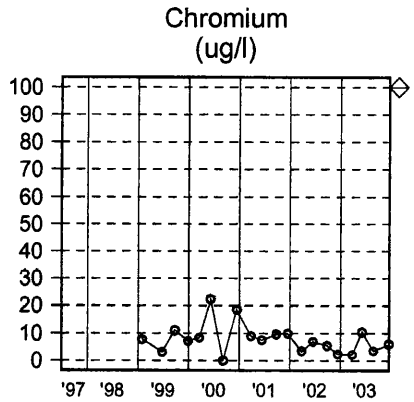


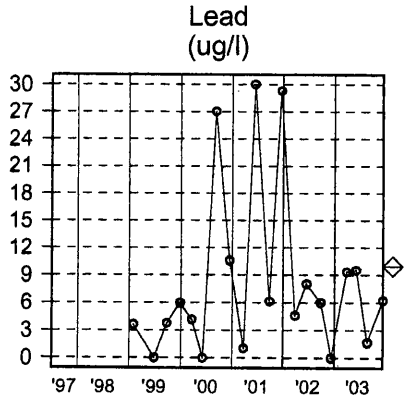


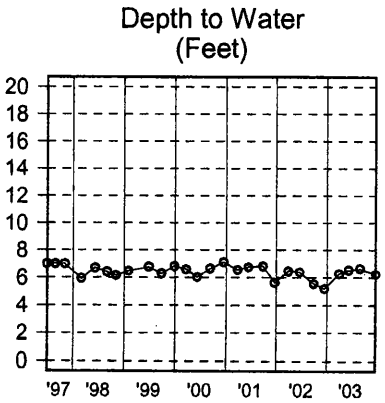












SOURCE: 00M8MW13

Sampling Dates:
06/24/1997 - 12/12/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 2 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-08-2004 \\Gar045\ENVR_Data\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	4	200	300	50	50000	8	100	10	-	-
06/24/1997	FMETL	16	227	47000	288	179000	-	-	-	8.05	V,S,P,M
08/25/1997	FMETL	6.49	65	20880	549	125800	-	-	-	8.15	V,S,P,M
10/31/1997	FMETL	4.38	203	25450	340	182300	-	-	-	8.30	V,S,P,M
02/25/1998	FMETL	4.97	1029	33710	366	109200	-	-	-	6.22	V,S,P,M
06/04/1998	FMETL	7.79	727	43420	332	204600	-	-	-	7.68	V,S,P,M
08/28/1998	FMETL	6.47	275	34800	315	288000	-	-	-	8.34	V,S,P,M
11/04/1998	FMETL	6.21	226	41900	380	447000	-	-	-	8.19	V,S,P,M
01/27/1999	FMETL	3.95	215	37400	402	195000	ND	10.6	2.73	7.45	V,S,P,M
06/22/1999	FMETL	5.12	685	33000	306	342000	ND	8.47	ND	8.25	V,S,P,M
09/23/1999	FMETL	4.43	246	26600	296	215000	ND	8.86	5.89	7.57	V,S,P,M
12/28/1999	FMETL	ND	1480	26900	90.9	19300	ND	12.0	15.9	7.99	V,S,P,M
03/15/2000	FMETL	2.91	396	21000	236	93700	ND	7.34	ND	7.64	V,S,P,M
06/05/2000	FMETL	ND	447	11600	58.9	15000	ND	8.33	4.59	7.86	V,S,P,M
09/06/2000	FMETL	3.03	369	17200	284	132000	ND	ND	17.2	7.53	V,S,P,M
12/13/2000	FMETL	1.75	1350	29600	262	152000	ND	15.1	10.2	8.18	V,S,P,M
03/20/2001	FMETL	1.34	4460	34400	206	109000	10.0	38.1	15.0	7.78	V,S,P,M
06/08/2001	FMETL	ND	217	1790	84.4	6050	ND	2.14	2.71	7.88	V,S,P,M
09/24/2001	FMETL	ND	103	10900	237	32400	ND	1.92	ND	7.91	V,S,P,M
12/17/2001	FMETL	1.03	ND	19700	408	93700	ND	ND	3.52	8.16	V,S,P,M
03/21/2002	FMETL	ND	454	981	15.6	4880	2.78	2.74	1.55	6.47	V,S,P,M
06/11/2002	FMETL	ND	207	2870	125	4840	ND	2.44	ND	7.68	V,S,P,M
09/23/2002	FMETL	ND	118	16200	812	14600	2.51	1.68	3.14	9.70	V,S,P,M
12/10/2002	FMETL	ND	49.3	4940	235	18500	ND	1.16	ND	8.31	V,S,P,M
03/21/2003	FMETL	ND	311	12700	31.1	4850	4.99	1.80	4.52	6.51	V,S,P,M
05/30/2003	FMETL	ND	237	3960	89.5	2280	3.14	2.01	5.74	6.45	V,S,P,M
08/22/2003	FMETL	0.70	192	16400	184	31400	3.28	2.10	3.16	8.00	V,S,P,M
12/12/2003	FMETL	ND	122	21800	201	11100	5.40	2.42	2.23	7/03	V,S,P,M

SOURCE: 00M8MW14

Sampling Dates:
06/24/1997 - 12/12/2003

NOTES:

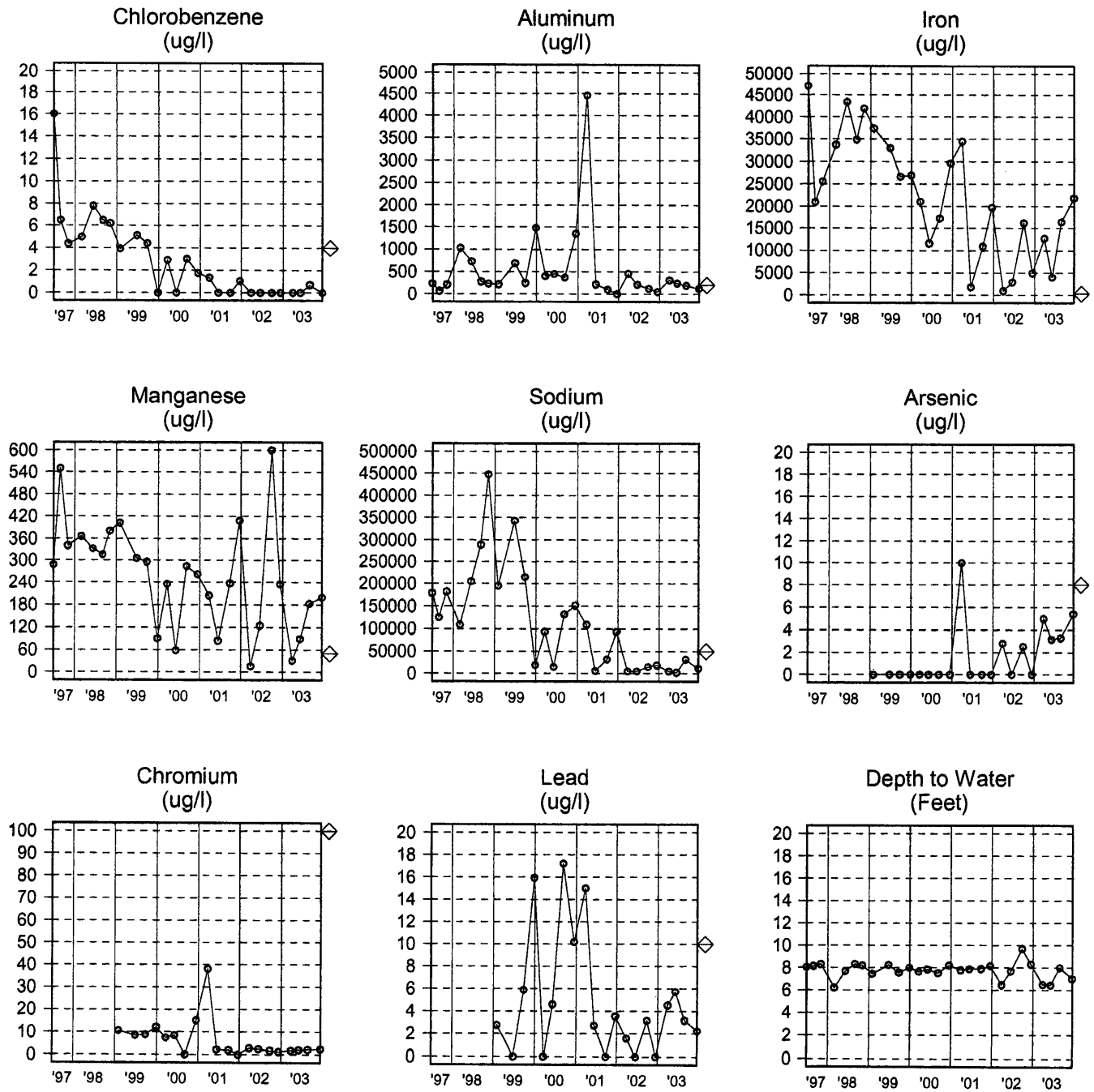
FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 3 of 14

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 00M8MW14

Sampling Dates:
06/24/1997 - 12/12/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 3 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-08-2004 \\Gar045\ENVR_Data\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	4	200	300	50	50000	8	100	10	-	-
06/24/1997	FMETL	13.7	136	9670	239	200400	-	-	-	6.50	V,S,P,M
08/25/1997	FMETL	9.30	57.7	14870	348	224700	-	-	-	6.00	V,S,P,M
10/31/1997	FMETL	6.44	515	7332	267	147500	-	-	-	6.80	V,S,P,M
02/25/1998	FMETL	ND	777	15210	508	84840	-	-	-	3.50	V,S,P,M
06/04/1998	FMETL	12.09	318	15770	364	116500	-	-	-	4.76	V,S,P,M
08/28/1998	FMETL	17.78	194	9240	247	314000	-	-	-	5.67	V,S,P,M
11/04/1998	FMETL	29.43	140	8740	357	326000	-	-	-	5.78	V,S,P,M
01/27/1999	FMETL	ND	341	3150	106	46400	ND	8.25	2.79	3.86	V,S,P,M
06/22/1999	FMETL	16.16	258	14700	252	266000	4.69	7.46	ND	5.69	V,S,P,M
09/23/1999	FMETL	2.91	23.1	2950	73.4	120000	3.10	6.64	3.38	5.23	V,S,P,M
12/28/1999	FMETL	5.17	101	7800	123	68900	ND	5.74	2.58	5.28	V,S,P,M
03/15/2000	FMETL	ND	1670	6090	76.7	72700	3.21	17.6	7.19	4.68	V,S,P,M
06/05/2000	FMETL	ND	932	4360	136	67100	ND	13.7	4.11	6.21	V,S,P,M
09/06/2000	FMETL	6.63	528	6610	211	144000	2.37	ND	ND	5.12	V,S,P,M
12/13/2000	FMETL	35.03	571	21600	345	228000	ND	9.00	ND	5.87	V,S,P,M
03/20/2001	FMETL	12.4	350	14300	313	156000	13.0	10.3	ND	4.56	V,S,P,M
06/08/2001	FMETL	4.14	321	2430	71.2	104000	ND	3.72	4.36	5.62	V,S,P,M
12/17/2001	FMETL	5.93	ND	12900	250	833000	2.76	2.27	5.93	5.98	V,S,P,M
03/21/2002	FMETL	ND	5500	15100	46.3	96500	11.5	40.6	16.0	4.22	V,S,P,M
06/11/2002	FMETL	2.15	4910	20500	81.9	113000	5.91	41.8	14.3	5.55	V,S,P,M
09/25/2002	FMETL	25.81	89.5	8130	157	167000	10.4	2.63	1.71	5.45	V,S,P,M
12/13/2002	FMETL	ND	171	4240	39.2	37600	ND	1.89	ND	6.06	V,S,P,M
03/21/2003	FMETL	ND	158	2390	54.2	39200	ND	2.15	2.56	3.77	V,S,P,M
05/30/2003	FMETL	ND	275	1020	120	64200	ND	3.22	2.03	4.74	V,S,P,M
08/22/2003	FMETL	5.10	152	1640	108	77700	4.47	2.54	ND	5.75	V,S,P,M
12/30/2003	FMETL	ND	83.1	5530	122	136000	ND	1.95	1.33	3.90	V,S,P,M

SOURCE: 00M8MW15

Sampling Dates:
06/24/1997 - 12/30/2003

NOTES:

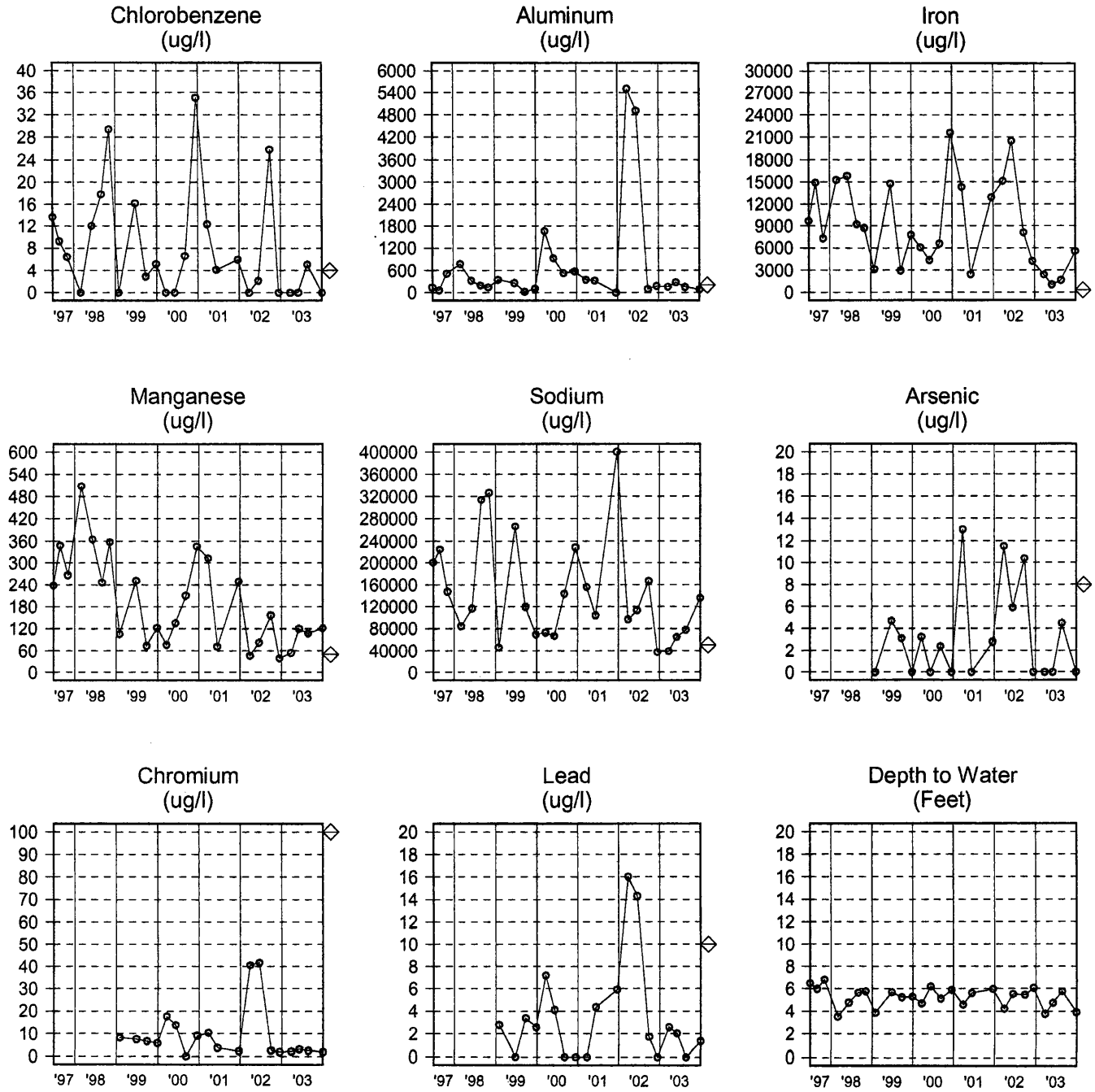
FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 4 of 14

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 00M8MW15

Sampling Dates:
06/24/1997 - 12/30/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 4 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-08-2004 \\Gar045\ENVR_Data\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	4	200	300	50	50000	8	100	10	-	-
09/23/1998	FMETL	1.16	20200	86100	1420	3860000	36	137	256	8.93	V,S,P,M
10/20/1998	FMETL	ND	200	30200	838	2710000	3.51	16.2	12.2	8.55	V,S,P,M
01/27/1999	FMETL	1.12	1230	20800	611	933000	3.73	17.5	6.01	8.67	V,S,P,M
06/22/1999	FMETL	18.38	1480	50800	1290	191000	3.80	10.3	3.41	8.52	V,S,P,M
09/23/1999	FMETL	1.74	20500	26000	1710	188000	5.68	37.8	20.0	8.23	V,S,P,M
12/28/1999	FMETL	ND	29800	49600	945	127000	7.71	65.4	45.2	8.74	V,S,P,M
03/15/2000	FMETL	ND	4970	29300	449	27600	3.61	12.6	4.77	8.03	V,S,P,M
06/05/2000	FMETL	ND	4400	28500	573	146000	5.34	26.7	11.7	8.06	V,S,P,M
09/06/2000	FMETL	14.92	10500	58800	1770	437000	11.1	43.5	39.5	8.27	V,S,P,M
12/13/2000	FMETL	ND	3330	21800	308	92000	7.43	24.9	18.3	8.73	V,S,P,M
03/20/2001	FMETL	ND	7670	44700	144	24100	14.0	42.8	15.0	8.25	V,S,P,M
06/08/2001	FMETL	1.02	1490	40800	926	107000	4	5.50	12.2	8.43	V,S,P,M
09/24/2001	FMETL	2.55	5440	56800	1140	606000	3.88	30.7	22.6	8.71	V,S,P,M
12/17/2001	FMETL	ND	7700	78700	932	864000	11.1	40.3	218	8.73	V,S,P,M
03/21/2002	FMETL	ND	2340	24200	802	234000	5.01	5.68	5.11	7.58	V,S,P,M
06/11/2002	FMETL	ND	11400	33400	477	113000	6.76	20.6	30.5	8.24	V,S,P,M
09/25/2002	FMETL	8.72	8260	34000	1920	300000	12.9	20.3	15.0	8.41	V,S,P,M
12/13/2002	FMETL	2.02	1440	7560	738	119000	ND	2.84	ND	5.31	V,S,P,M
03/21/2003	FMETL	6.49	4460	61000	754	101000	ND	4.25	11.2	7.73	V,S,P,M
05/30/2003	FMETL	ND	4610	6730	177	5610	ND	8.46	18.2	7.75	V,S,P,M
08/22/2003	FMETL	24.09	21500	76800	864	615000	9.09	59.9	72.8	7.94	V,S,P,M
12/30/2003	FMETL	3.34	20300	78300	529	200000E	5.67	54.3	90.2	8.43	V,S,P,M

SOURCE: 00M8MW16

Sampling Dates:
09/23/1998 - 12/30/2003

NOTES:

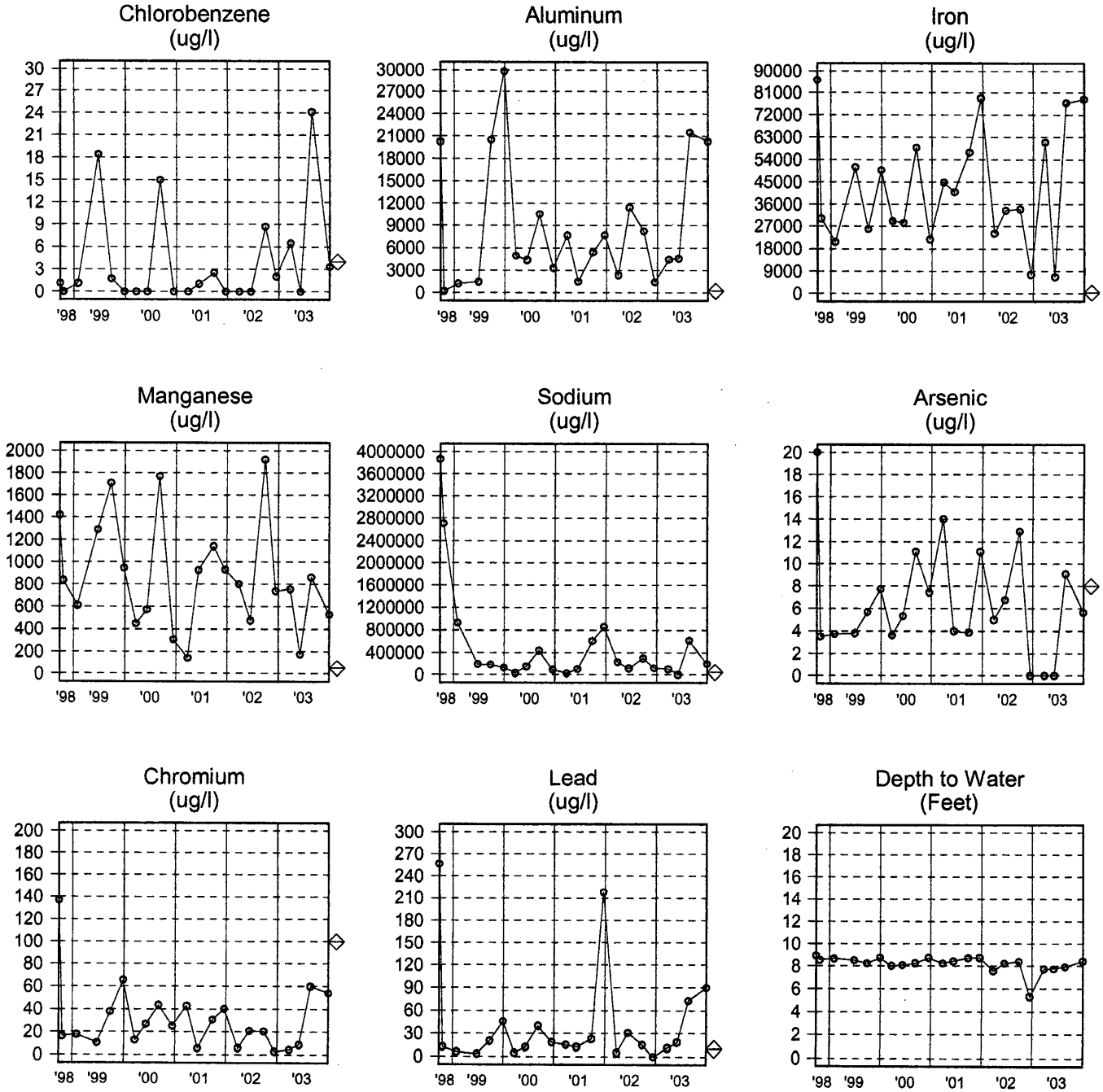
FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 6 of 14

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 00M8MW16

Sampling Dates:
09/23/1998 - 12/30/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 6 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-08-2004 \\Gar045\ENVR_Data\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	4	200	300	50	50000	8	100	10	-	-
09/23/1998	FMETL	2.82	8040	41900	543	2120000	19	74.7	61	7.08	V,S,P,M
10/20/1998	FMETL	6.61	3650	25600	452	796000	ND	26.6	26.4	7.02	V,S,P,M
01/27/1999	FMETL	ND	1860	15100	111	66600	2.47	18.7	10.2	6.16	V,S,P,M
06/22/1999	FMETL	5.59	2930	16300	408	267000	6.83	26.9	17.7	6.91	V,S,P,M
09/23/1999	FMETL	ND	1100	28600	694	247000	6.26	15.7	9.48	6.35	V,S,P,M
12/28/1999	FMETL	5.98	6430	41500	55800	157000	6.65	64.5	42.2	6.53	V,S,P,M
03/15/2000	FMETL	ND	115	18600	621	34600	ND	4.23	3.14	6.29	V,S,P,M
06/05/2000	FMETL	3.96	977	15500	673	78600	13.4	22.9	19.7	8.09	V,S,P,M
09/06/2000	FMETL	2.97	3230	44600	787	82100	22.7	17.5	16.8	6.36	V,S,P,M
12/13/2000	FMETL	2.06	3660	48300	540	82400	25.0	41.0	67.2	6.69	V,S,P,M
03/20/2001	FMETL	2.53	ND	14500	608	56400	14.0	8.3	ND	6.15	V,M,S,P
06/08/2001	FMETL	1.94	163	12700	557	44800	10.1	3.19	7.60	6.56	V,S,P,M
09/24/2001	FMETL	4.16	616	12600	530	914000	5.11	11.6	6.60	6.74	V,S,P,M
12/17/2001	FMETL	4.15	862	16100	498	2320000	8.99	14.0	13.3	7.00	V,S,P,M
03/21/2002	FMETL	4.09	1890	14500	464	236000	9.63	15.8	9.67	6.55	V,S,P,M
06/11/2002	FMETL	6.08	279	15100	597	129000	6.35	4.37	3.88	6.55	V,S,P,M
09/25/2002	FMETL	5.52	491	19100	705	179000	9.58	4.64	4.64	6.32	V,S,P,M
12/13/2002	FMETL	ND	26.1	5450	85.2	12700	3.18	ND	ND	4.61	V,S,P,M
03/21/2003	FMETL	ND	155	8010	59.7	13900	8.56	1.17	3.79	5.70	V,S,P,M
05/30/2003	FMETL	ND	249	5240	84.3	25800	4.67	1.86	2.10	5.95	V,S,P,M
08/22/2003	FMETL	3.57	392	5360	472	38000	9.61	3.36	1.06	6.54	V,S,P,M
12/30/2003	FMETL	0.68	803	17000	306	36000	7.65	8.47	6.25	5.91	V,S,P,M

SOURCE: 00M8MW17

Sampling Dates:
09/23/1998 - 12/30/2003

NOTES:

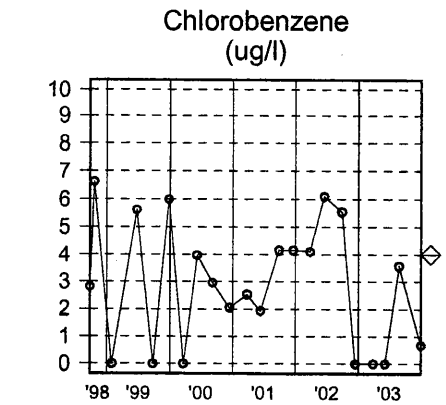
FORT MONMOUTH

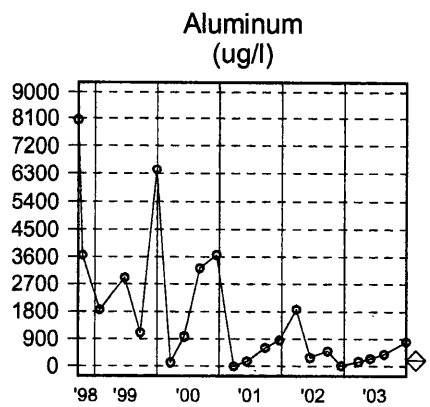
GW MONITORING
M-8 Bldg 697

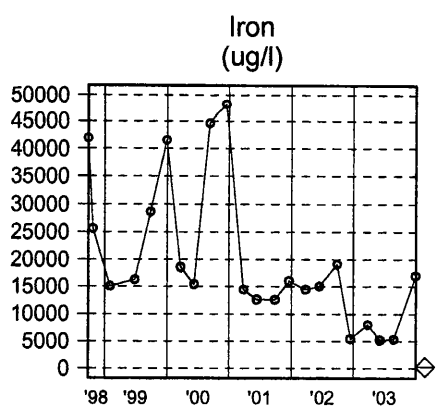
Source 7 of 14

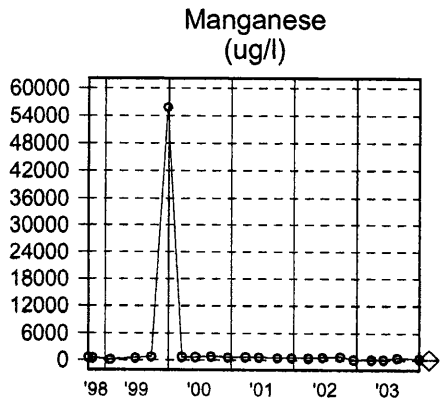
Silver in blank > Criteria, sample date 6/97.

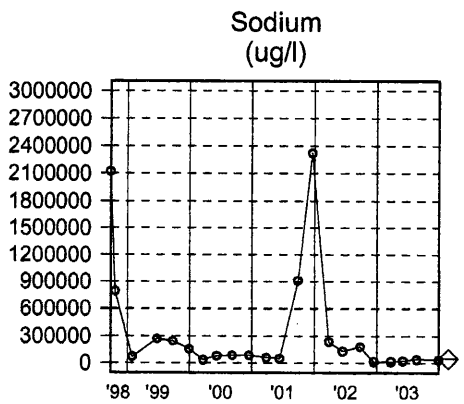
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

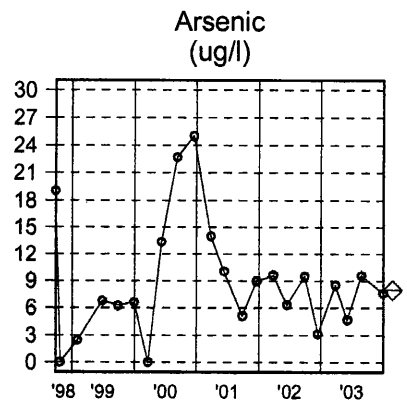


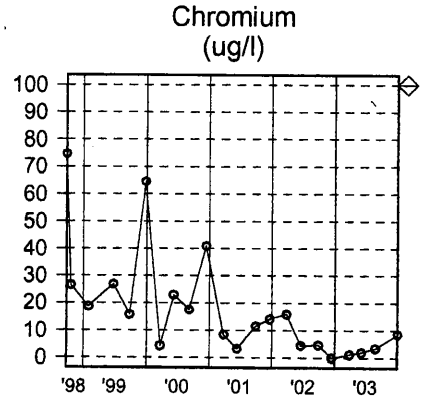


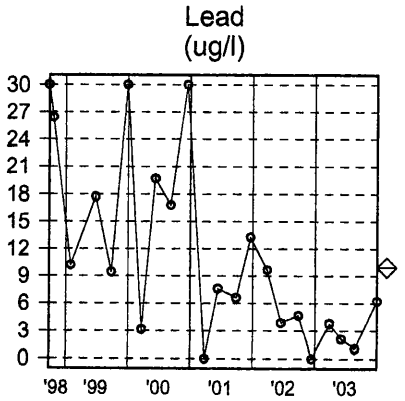


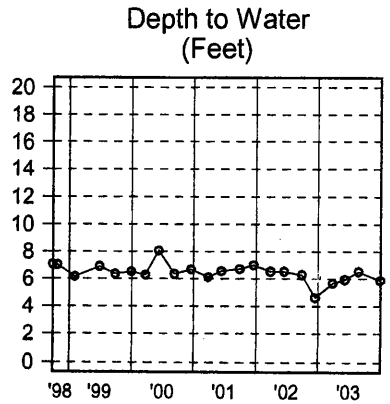












SOURCE: 00M8MW17

Sampling Dates:
09/23/1998 - 12/30/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 7 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-08-2004 \\Gar045\ENVR_Data\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Aluminum	Iron	Manganese	Sodium	Chromium	Lead	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	4	200	300	50	50000	100	10	-		-
09/30/1998	FMETL	16.43	378	10100	532	1260000	6.5	4	7.30		V,S,P,M
10/20/1998	FMETL	14.6	1050	8510	452	1430000	11.4	15.6	7.22		V,S,P,M
01/27/1999	FMETL	17.64	190	10300	570	724000	15.1	4.96	6.83		V,S,P,M
06/22/1999	FMETL	18.38	216	12000	531	466000	9.23	3.38	7.42		V,S,P,M
09/23/1999	FMETL	14.35	244	2900	397	910000	13.4	6.38	6.93		V,S,P,M
12/28/1999	FMETL	10.42	300	5840	456	541000	12.4	6.79	7.08		V,S,P,M
03/15/2000	FMETL	12.56	333	16400	645	181000	12.3	ND	6.94		V,S,P,M
06/05/2000	FMETL	8.00	184	4420	483	460000	27.8	73.3	6.08		V,S,P,M
09/06/2000	FMETL	18.69	60.3	24000	544	300000	ND	ND	7.06		V,S,P,M
12/13/2000	FMETL	18.69	188	23700	599	425000	15.5	35.2	6.96		V,S,P,M
03/20/2001	FMETL	14.32	120	31700	661	244000	11.8	ND	6.72		V,S,P,M
06/08/2001	FMETL	16.11	ND	20700	752	253000	3.22	4.10	6.76		V,S,P,M
09/24/2001	FMETL	16.33	ND	6760	656	1010000	9.41	ND	6.93		V,S,P,M
12/17/2001	FMETL	9.56	ND	5370	622	1880000	4.20	11.3	6.69		V,S,P,M
03/21/2002	FMETL	12.61	376	38800	523	625000	4.02	9.12	6.55		V,S,P,M
06/11/2002	FMETL	12.33	282	29500	521	685000	4.27	11.4	6.69		V,S,P,M
09/23/2002	FMETL	9.86	246	18700	473	565000	4.62	6.71	6.68		V,S,P,M
12/10/2002	FMETL	4.51	139	12000	351	243000	2.17	16.4	6.20		V,S,P,M
03/21/2003	FMETL	5.44	184	2730	315	196000	1.31	7.62	6.16		V,S,P,M
05/30/2003	FMETL	6.07	1090	11200	311	262000	7.40	29.6	6.00		V,S,P,M
08/22/2003	FMETL	17.41	783	21700	632	159000E	5.84	22.1	6.90		V,S,P,M
12/12/2003	FMETL	0.72	786	5490	158	751000E	8.16	34.3	6.03		V,S,P,M

SOURCE: 00M8MW18

Sampling Dates:
09/30/1998 - 12/12/2003

NOTES:

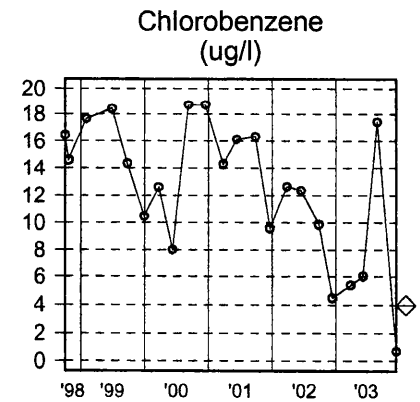
FORT MONMOUTH

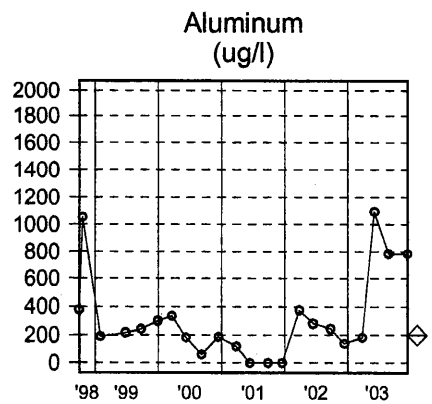
GW MONITORING
M-8 Bldg 697

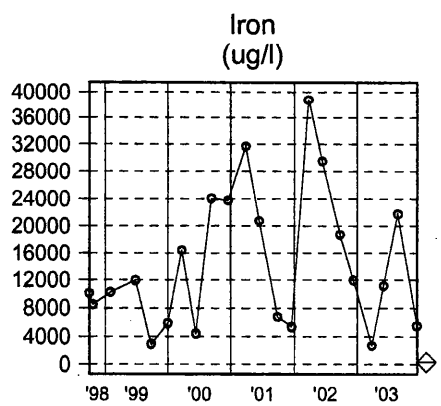
Source 8 of 14

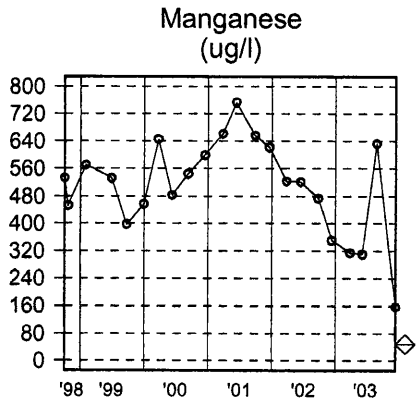
Silver in blank > Criteria, sample date 6/97.

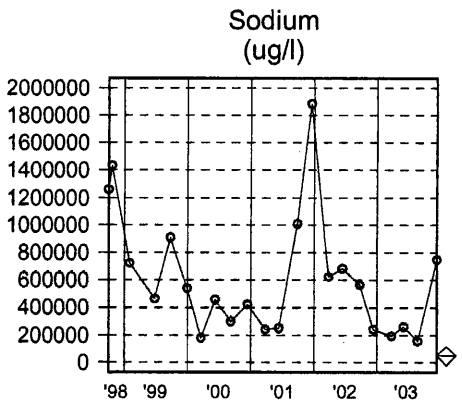
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

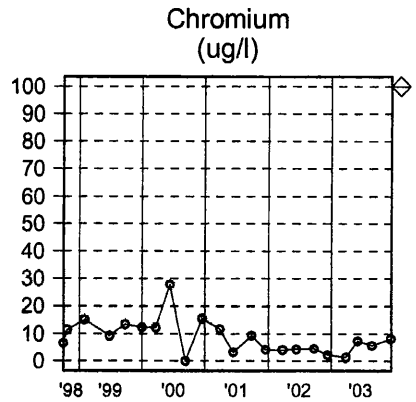


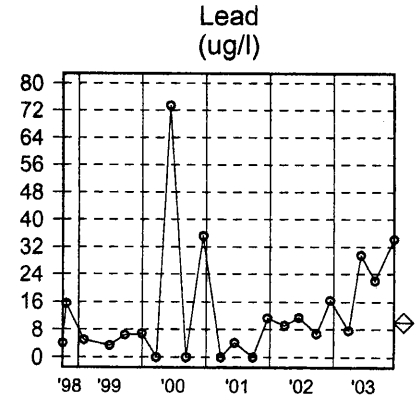


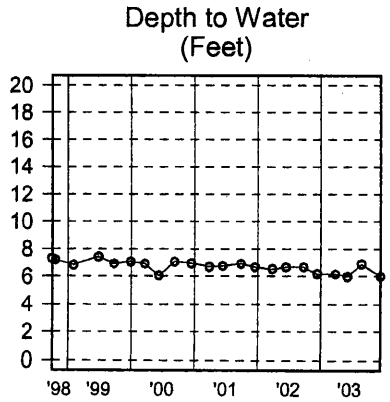












SOURCE: 00M8MW18

Sampling Dates:
09/30/1998 - 12/12/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 8 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-08-2004 \\Gar045\ENVR_Data\MtechData\M-8\M8.WSF

	Lab	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	200	300	50	50000	8	100	10	-		-
09/30/1998	FMETL	1170	20100	92.1	278000	5	8.1	2	7.19		V,S,P,M
10/20/1998	FMETL	5100	38600	104	252000	7.09	35	18	8.59		V,S,P,M
01/27/1999	FMETL	2100	14800	98.3	68800	3.17	17.3	8.5	8.03		V,S,P,M
06/22/1999	FMETL	162	20200	95.3	278000	ND	5.05	ND	8.47		V,S,P,M
09/23/1999	FMETL	103	17400	234	183000	ND	6.00	2.84	8.38		V,S,P,M
12/28/1999	FMETL	456	29900	257	120000	6.78	7.00	6.17	8.48		V,S,P,M
03/15/2000	FMETL	267	10300	102	37400	3.79	3.64	ND	8.33		V,S,P,M
06/05/2000	FMETL	53.5	7540	86.8	94500	ND	8.68	ND	7.08		V,S,P,M
09/06/2000	FMETL	79.5	24400	260	274000	ND	ND	ND	8.28		V,S,P,M
12/13/2000	FMETL	54.4	19100	234	181000	ND	6.66	ND	8.15		V,S,P,M
03/20/2001	FMETL	230	14500	46.2	39800	12.0	4.70	ND	7.75		V,S,P,M
06/08/2001	FMETL	49.1	24200	160	219000	ND	1.91	1.84	8.03		V,S,P,M
09/24/2001	FMETL	25.6	26700	256	312000	ND	2.63	ND	8.34		V,S,P,M
12/17/2001	FMETL	ND	25800	171	421000	ND	3.78	22.5	7.66		V,S,P,M
03/21/2002	FMETL	202	14000	72.3	48100	10.2	1.40	2.60	5.91		V,S,P,M
06/11/2002	FMETL	126	9290	86.0	60100	ND	0.947	ND	7.79		V,S,P,M
09/23/2002	FMETL	110	15400	185	74600	ND	1.47	1.25	7.39		V,S,P,M
12/10/2002	FMETL	49.7	5030	164	95300	ND	0.904	ND	7.10		V,S,P,M
03/21/2003	FMETL	137	3380	14.4	7130	2.60	ND	3.35	5.73		V,S,P,M
05/30/2003	FMETL	262	6350	70.3	49900	ND	2.03	9.00	6.81		V,S,P,M
08/22/2003	FMETL	105	18100	140	88200	ND	1.31	ND	7.65		V,S,P,M
12/12/2003	FMETL	ND	4760	146	270000E	ND	1.41	ND	6.07		V,S,P,M

SOURCE: 00M8MW19

Sampling Dates:
09/30/1998 - 12/12/2003

NOTES:

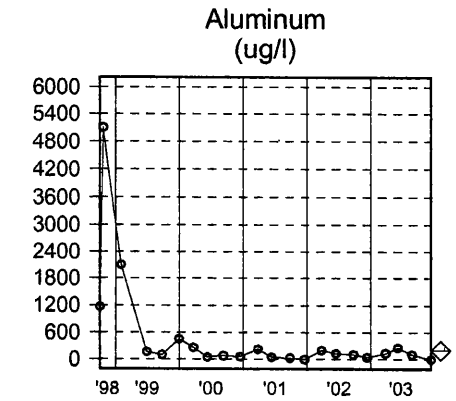
FORT MONMOUTH

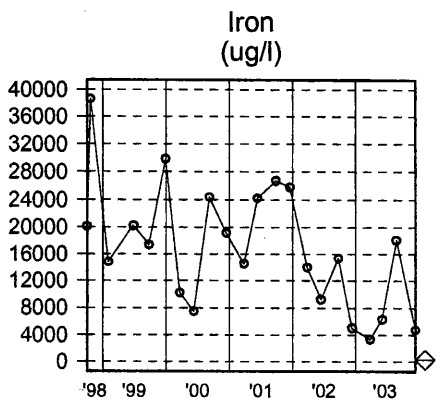
GW MONITORING
M-8 Bldg 697

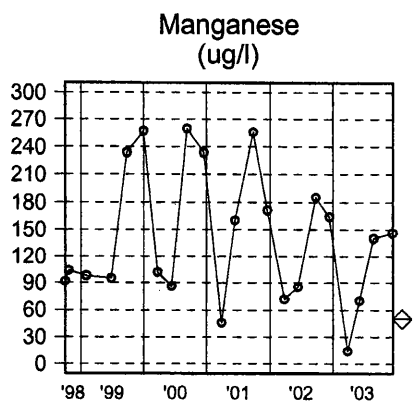
Source 9 of 14

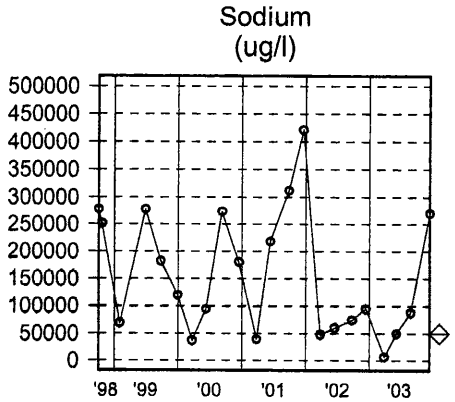
Silver in blank > Criteria, sample date 6/97.

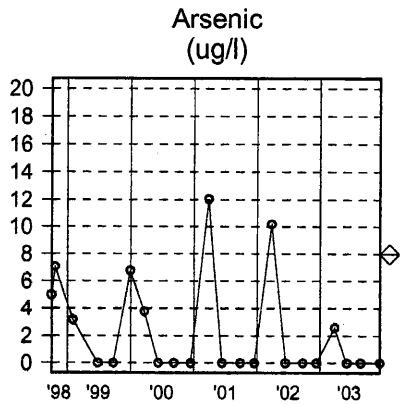
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

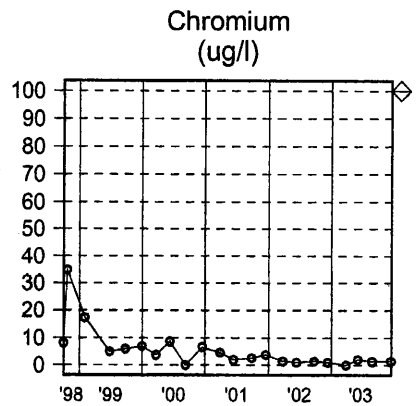


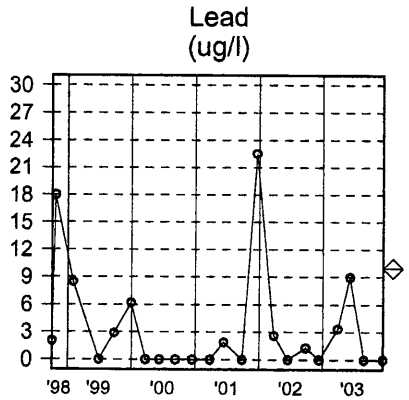


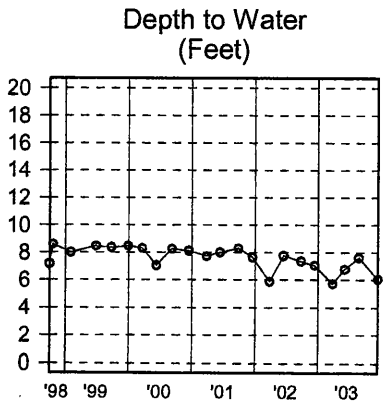












SOURCE: 00M8MW19

Sampling Dates:
09/30/1998 - 12/12/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 9 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-08-2004 \\Gar045\ENVR_Data\MtechData\M-8\M8.WSF

	Lab	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	200	300	50	50000	8	100	10	-		-
09/30/1998	FMETL	1560	10100	242	802000	5	18	ND	8.36		V,S,P,M
10/21/1998	FMETL	2470	8360	231	595000	2.91	19.2	4.67	8.10		V,S,P,M
01/27/1999	FMETL	3190	28400	189	575000	ND	44.1	11.4	7.30		V,S,P,M
06/22/1999	FMETL	4110	10600	196	587000	ND	32.7	9.90	7.76		V,S,P,M
09/23/1999	FMETL	590	10300	235	990000	ND	26.9	2.97	7.36		V,S,P,M
12/28/1999	FMETL	4520	22200	84.1	412000	2.85	65.0	19.5	7.74		V,S,P,M
03/15/2000	FMETL	418	5770	201	240000	ND	24.4	ND	7.45		V,S,P,M
06/05/2000	FMETL	66.8	2740	15.6	355000	ND	41.2	2.78	6.76		V,S,P,M
09/06/2000	FMETL	678	5280	96.1	668000	2.31	10.7	ND	7.37		V,S,P,M
12/13/2000	FMETL	426	5090	64.3	601000	ND	32.2	ND	8.37		V,S,P,M
03/20/2001	FMETL	260	6280	84.7	436000	11.0	27.1	ND	7.36		V,S,P,M
06/08/2001	FMETL	598	7760	42.4	515000	4.32	33.2	4.74	7.22		V,S,P,M
09/24/2001	FMETL	1570	14400	64.6	707000	ND	55.8	3.35	7.64		V,S,P,M
12/17/2001	FMETL	315	6800	13.2	417000	ND	41.7	1.85	7.12		V,S,P,M
03/21/2002	FMETL	546	4130	21.8	476000	4.50	29.5	ND	6.27		V,S,P,M
06/11/2002	FMETL	158	2870	12.5	379000	ND	30.4	ND	7.03		V,S,P,M
09/23/2002	FMETL	721	8500	56.6	665000	ND	43.8	ND	7.06		V,S,P,M
12/10/2002	FMETL	120	2420	23.1	378000	ND	18.8	ND	6.76		V,S,P,M
03/21/2003	FMETL	135	4590	42.9	352000	ND	12.6	ND	6.60		V,S,P,M
05/30/2003	FMETL	165	3500	10.1	255000	ND	21.9	ND	6.81		V,S,P,M
08/22/2003	FMETL	485	4190	15.3	363000	ND	37.1	1.02	7.30		V,S,P,M
12/12/2003	FMETL	808	8370	27.0	348000E	2.92	39.8	2.87	7.20		V,S,P,M

SOURCE: 00M8MW20

Sampling Dates:
09/30/1998 - 12/12/2003

NOTES:

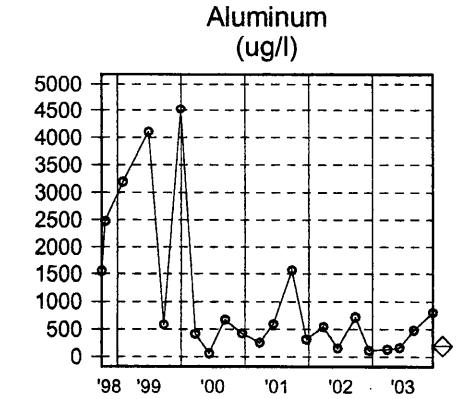
FORT MONMOUTH

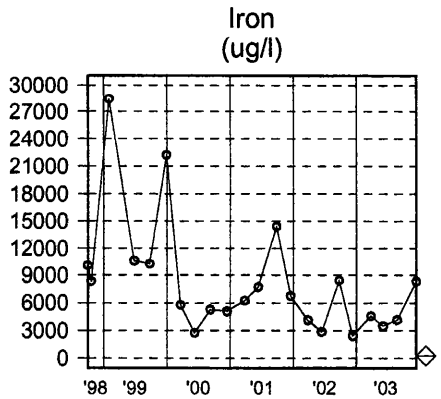
GW MONITORING
M-8 Bldg 697

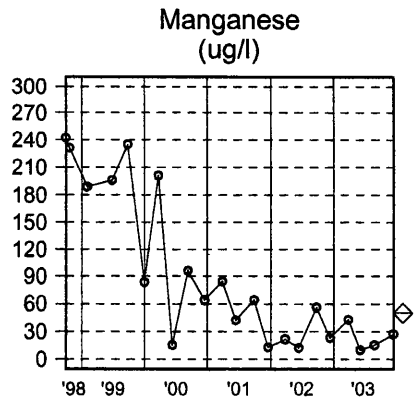
Source 10 of 14

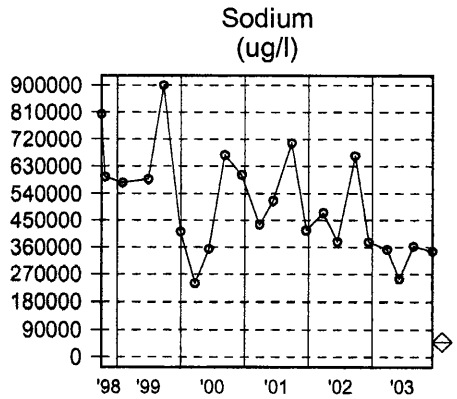
Silver in blank > Criteria, sample date 6/97.

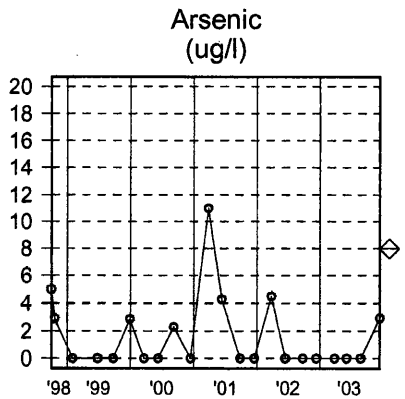
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

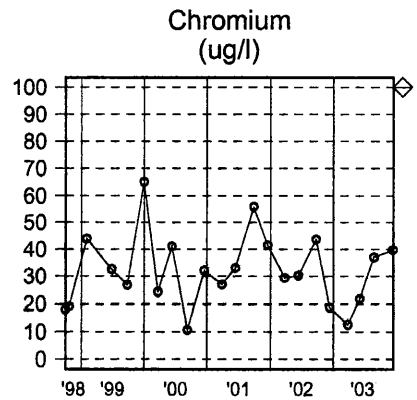


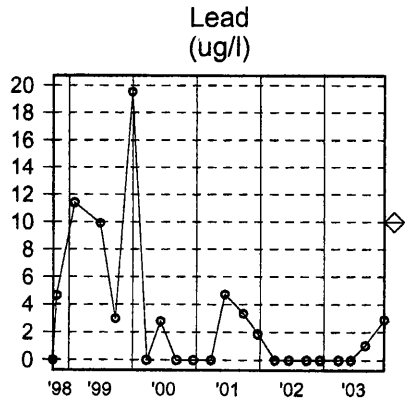


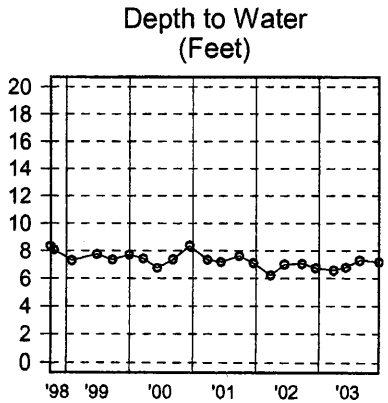












SOURCE: 00M8MW20

Sampling Dates:
09/30/1998 - 12/12/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 10 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-08-2004 \\Gar045\ENVR_Data\MtechData\M-8\M8.WSF

	Lab	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	200	300	50	50000	8	100	10	-		-
09/30/1998	FMETL	3040	50800	947	5660000	9.00	13.6	ND	6.78		V,S,P,M
10/21/1998	FMETL	1530	31700	671	4840000	7	14.1	ND	6.87		V,S,P,M
01/27/1999	FMETL	2280	23000	183	1210000	2.27	28.5	5.14	6.19		V,S,P,M
06/22/1999	FMETL	3270	38900	289	2730000	6.17	12.1	ND	6.51		V,S,P,M
09/23/1999	FMETL	1820	23100	385	2750000	3.86	17.1	4.45	6.25		V,S,P,M
12/28/1999	FMETL	2310	8020	98.2	601000	ND	25.5	11.5	6.46		V,S,P,M
03/15/2000	FMETL	2390	12400	59.2	334000	4.49	27.5	3.27	6.36		V,S,P,M
06/05/2000	FMETL	225	3680	83.1	683000	ND	26.6	ND	5.68		V,S,P,M
09/06/2000	FMETL	910	23400	128	1450000	4.03	8.12	8.66	6.30		V,S,P,M
12/13/2000	FMETL	418	17800	138	1340000	ND	19.0	ND	6.67		V,S,P,M
03/20/2001	FMETL	3240	15000	52.4	665000	11.0	27.5	ND	6.19		V,S,P,M
06/08/2001	FMETL	607	14000	184	700000	ND	6.54	4.57	6.37		V,S,P,M
09/24/2001	FMETL	1180	41000	256	2000000	ND	12.0	5.87	6.48		V,S,P,M
12/17/2001	FMETL	703	66800	308	3220000	4.19	7.51	6.92	5.23		V,S,P,M
03/21/2002	FMETL	1190	3240	11.0	161000	ND	5.08	4.01	6.13		V,S,P,M
06/11/2002	FMETL	731	5290	72.0	570000	ND	5.58	1.22	6.04		V,S,P,M
09/23/2002	FMETL	547	25800	132	1730000	ND	7.86	3.06	5.53		V,S,P,M
12/10/2002	FMETL	278	4470	70.2	785000	ND	3.09	ND	5.31		V,S,P,M
03/21/2003	FMETL	869	2600	11.8	314000	ND	2.41	1.50	5.98		V,S,P,M
05/30/2003	FMETL	913	3590	20.2	419000	ND	5.48	1.59	6.21		V,S,P,M
08/22/2003	FMETL	659	6420	126	357000E	7.70	10.5	6.99	6.31		V,S,P,M
12/12/2003	FMETL	1100	5070	77.3	294000E	ND	8.60	4.78	5.95		V,S,P,M

SOURCE: 00M8MW21

Sampling Dates:
09/30/1998 - 12/12/2003

NOTES:

Well installed 9/98.

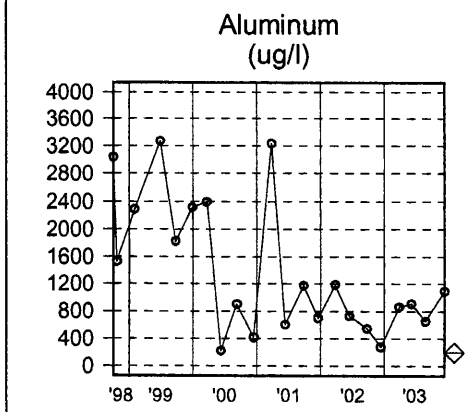
FORT MONMOUTH

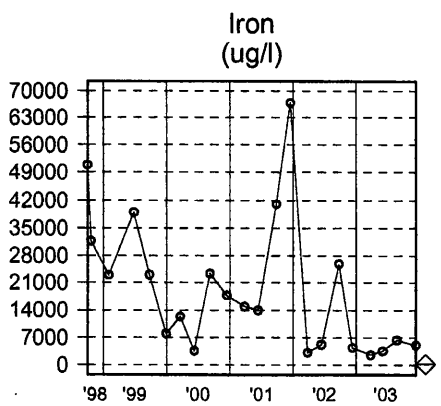
GW MONITORING
M-8 Bldg 697

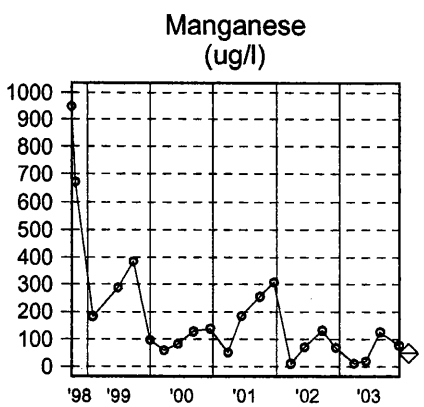
Source 11 of 14

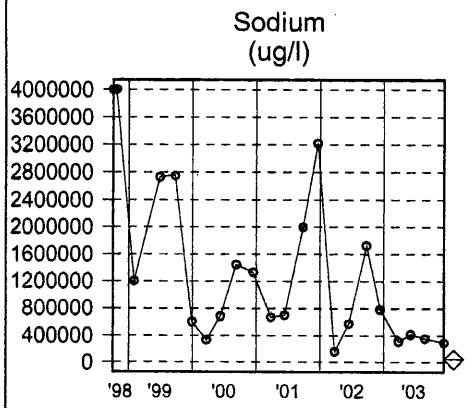
Silver in blank > Criteria, sample date 6/97.

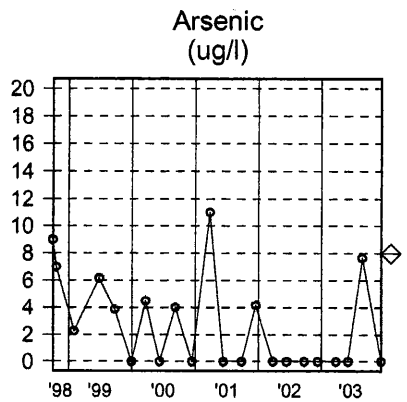
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

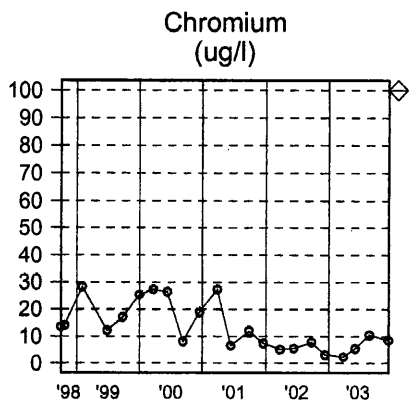


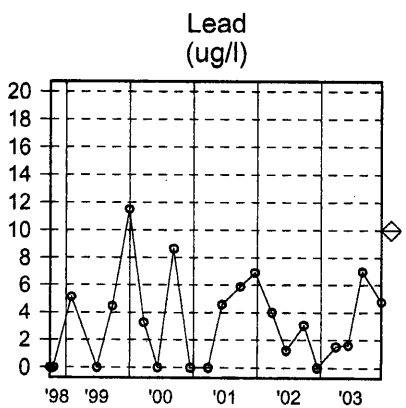


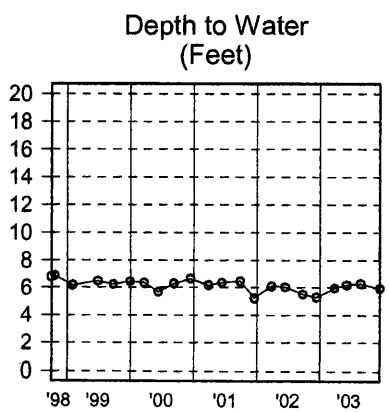












SOURCE: 00M8MW21

Sampling Dates:
09/30/1998 - 12/12/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 11 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-08-2004 \\Gar045\ENVR_Data\MtechData\M-8\M8.WSF

	Lab	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	200	300	50	50000	8	100	10	-		-
09/30/1998	FMETL	2800	87800	1870	4820000	13	25.5	ND	8.11		V,S,P,M
10/21/1998	FMETL	3230	59800	1290	3790000	7.05	28.4	6.8	7.61		V,S,P,M
01/27/1999	FMETL	2370	18900	301	882000	ND	14.8	7.85	6.41		V,S,P,M
06/22/1999	FMETL	2860	20800	726	2740000	ND	8.42	15.5	6.95		V,S,P,M
09/23/1999	FMETL	3860	18400	601	3300000	ND	11.7	70.7	6.29		V,S,P,M
12/28/1999	FMETL	130	128	230	1140000	ND	11.1	4.34	6.37		V,S,P,M
03/15/2000	FMETL	870	4440	366	575000	ND	19.7	12.7	6.50		V,S,P,M
06/05/2000	FMETL	789	324	394	631000	ND	22.7	2.34	6.61		V,S,P,M
09/06/2000	FMETL	1170	2920	302	1030000	ND	ND	10.2	6.47		V,S,P,M
12/13/2000	FMETL	1200	3000	455	1240000	ND	17.5	8.69	6.79		V,S,P,M
03/20/2001	FMETL	1080	3930	272	470000	12.0	10.1	11.0	6.63		V,S,P,M
06/08/2001	FMETL	383	1540	214	452000	3.79	5.45	2.67	6.34		V,S,P,M
09/24/2001	FMETL	4380	15700	1110	2030000	ND	22.7	51.2	6.79		V,S,P,M
09/24/2001D	FMETL	4680	15500	1130	2020000	2.22	23.6	55.4	6.79		V,S,P,M
12/17/2001	FMETL	2490	13000	1440	2360000	ND	6.82	24.9	5.72		V,S,P,M
03/21/2002	FMETL	1450	3760	1340	300000	2.42	2.18	6.62	6.35		V,S,P,M
06/11/2002	FMETL	842	1720	785	439000	ND	2.16	2.23	6.34		V,S,P,M
09/23/2002	FMETL	2580	9870	628	1790000	ND	6.65	11.3	8.04		V,S,P,M
12/10/2002	FMETL	37.8	70200	597	2060000	ND	1.59	1.67	7.77		V,S,P,M
03/21/2003	FMETL	147	2420	420	490000	ND	ND	1.63	6.31		V,S,P,M
05/30/2003	FMETL	237	2060	255	382000	ND	5.50	2.80	6.25		V,S,P,M
12/12/2003	FMETL	625	20500	493	834000E	3.87	5.19	2.69	6.17		V,S,P,M

SOURCE: 00M8MW22

Sampling Dates:
09/30/1998 - 12/12/2003

NOTES:

Well installed 9/98.

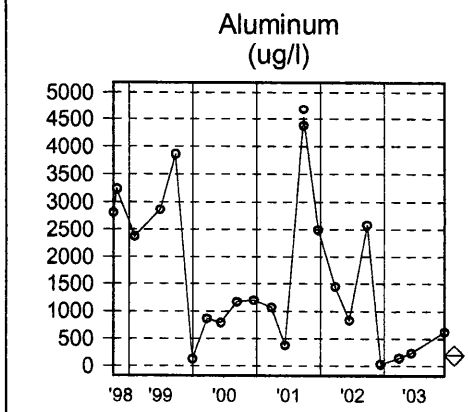
FORT MONMOUTH

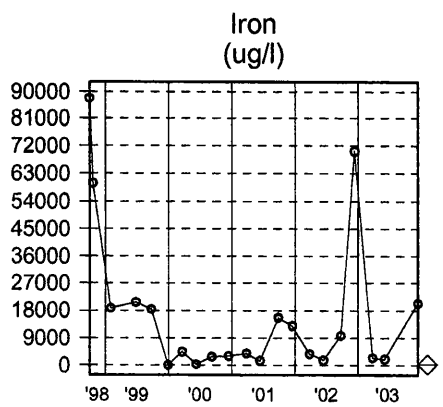
GW MONITORING
M-8 Bldg 697

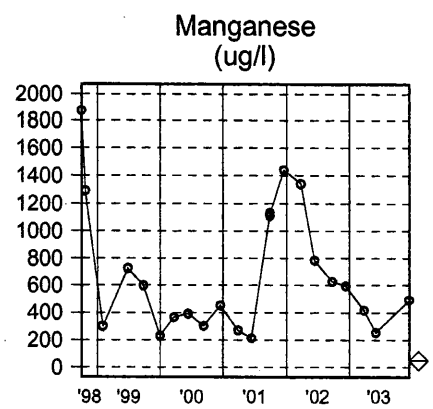
Source 12 of 14

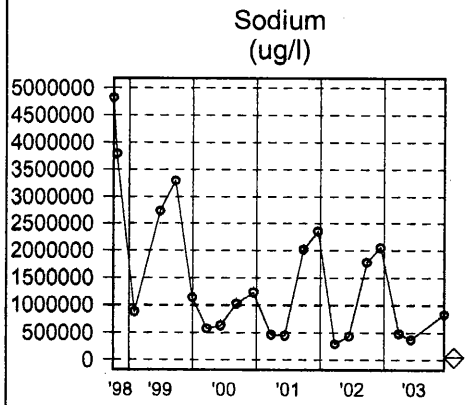
Silver in blank > Criteria, sample date 6/97.

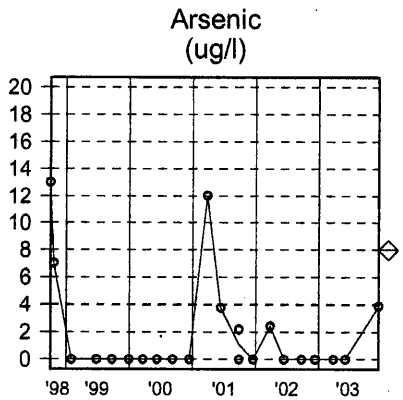
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

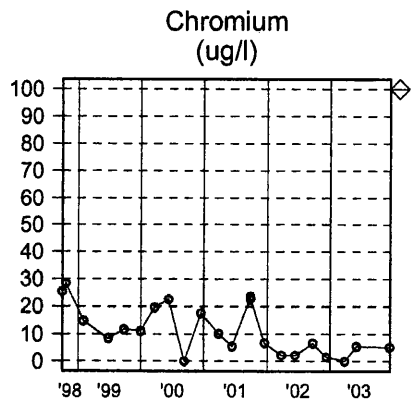


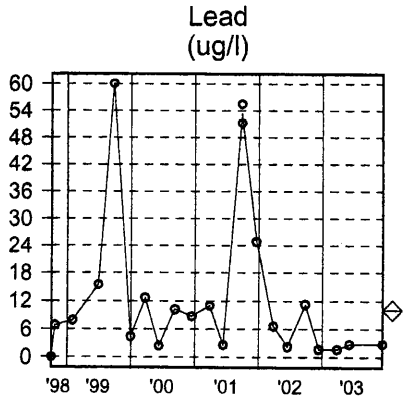


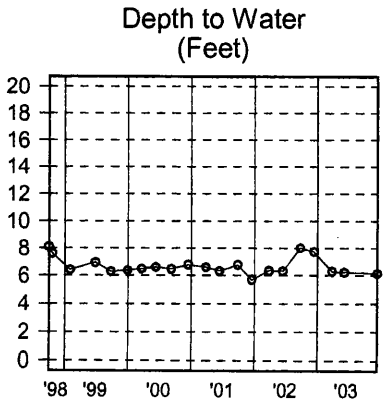












SOURCE: 00M8MW22

Sampling Dates:
09/30/1998 - 12/12/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 12 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-08-2004 \\Gar045\ENVR_Data\MtechData\M-8\M8.WSF

	Lab	cis-1,2-Di chloro ethene	Aluminum	Iron	Manganese	Sodium	Arsenic	Chromium	Lead	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	10	200	300	50	50000	8	100	10	-	-
04/14/1999	FMETL	ND	8440	27700	1720	19200	26.4	58.9	464	8.65	V,S,P,M
04/28/1999	FMETL	2.74	150	1940	787	28200	15.8	4.3	8.1	8.88	V,S,P,M
09/23/1999	FMETL	6.44	27.6	5290	1280	46900	3.47	5.63	5.92	8.85	V,S,P,M
12/28/1999	FMETL	ND	71.6	910	986	28900	ND	4.78	3.82	8.75	V,S,P,M
03/15/2000	FMETL	5.47	63.0	2580	748	30600	2.61	1.74	ND	8.58	V,S,P,M
06/05/2000	FMETL	ND	15.1	203	1800	23000	ND	4.08	3.06	8.81	V,S,P,M
09/06/2000	FMETL	6.81	110	3880	1020	46100	ND	ND	2.79	8.71	V,S,P,M
12/13/2000	FMETL	10.99	ND	5180	739	36600	ND	ND	3.94	9.01	V,S,P,M
03/20/2001	FMETL	3.92	ND	2650	585	20600	12.0	ND	7.00	8.37	V,S,P,M
03/20/2001D	FMETL	3.85	40.0	2930	671	23600	6.00	ND	3.00	8.37	V,S,P,M
06/08/2001	FMETL	8.29	46.6	6260	2280	23300	3.41	ND	12.2	8.85	V,S,P,M
09/24/2001	FMETL	16.42	139	6650	1600	46300	3.87	1.86	13.5	9.15	V,S,P,M
12/17/2001	FMETL	18.47	292	8300	1400	80200	6.74	3.27	33.5	5.23	V,S,P,M
03/21/2002	FMETL	6.85	394	4900	640	41100	4.93	3.03	9.98	8.83	V,S,P,M
06/11/2002	FMETL	15.89	490	12300	2080	27300	ND	2.58	21.9	8.83	V,S,P,M
09/23/2002	FMETL	5.86	62.4	7410	548	25800	2.43	1.14	4.00	8.85	V,S,P,M
12/10/2002	FMETL	5.78	45.8	17100	2190	27700	ND	ND	ND	7.61	V,S,P,M
03/21/2003	FMETL	ND	524	3190	70.2	6130	3.17	3.25	32.4	8.11	V,S,P,M
05/30/2003	FMETL	1.01	500	3370	160	7460	ND	4.39	2.76	8.22	V,S,P,M
08/22/2003	FMETL	11.74	599	4110	430	15100	10.1	5.12	42.6	8.80	V,S,P,M
12/30/2003	FMETL	0.47	305	2050	231	7510	9.69	2.94	10.7	8.10	V,S,P,M

SOURCE: 00M8MW23

Sampling Dates:
04/14/1999 - 12/30/2003

NOTES:

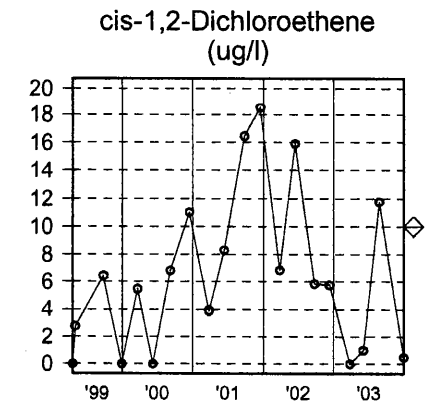
FORT MONMOUTH

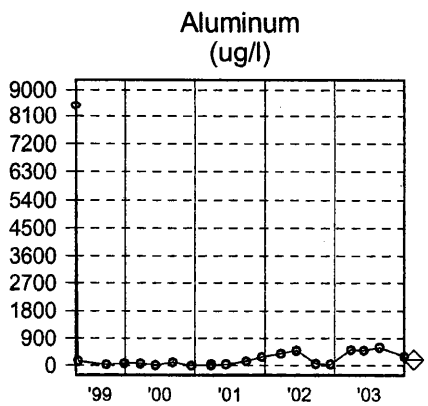
GW MONITORING
M-8 Bldg 697

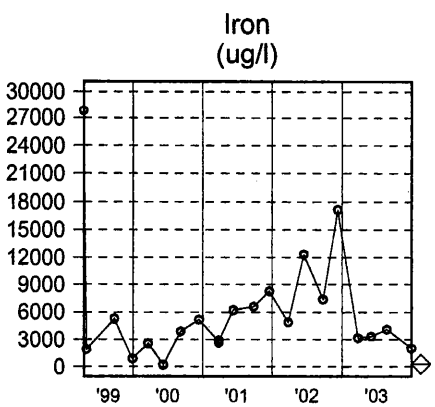
Source 13 of 14

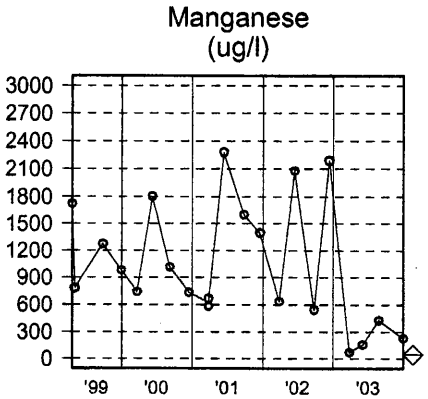
Silver in blank > Criteria, sample date 6/97.

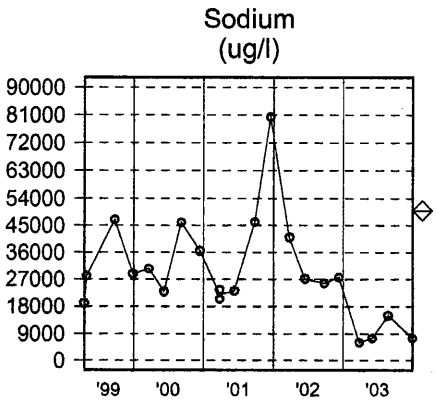
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

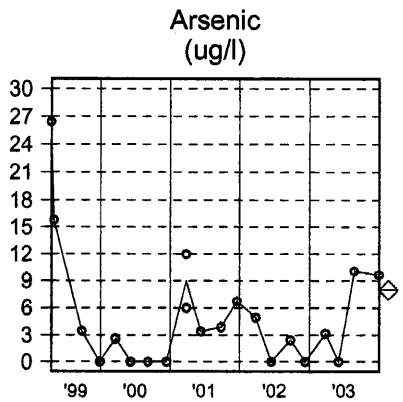


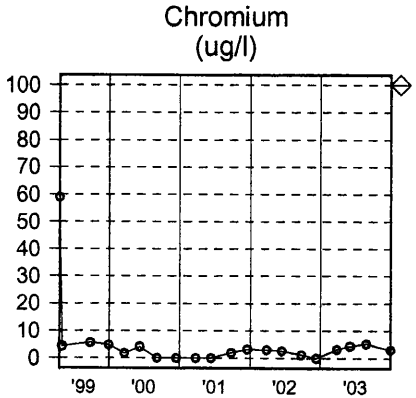


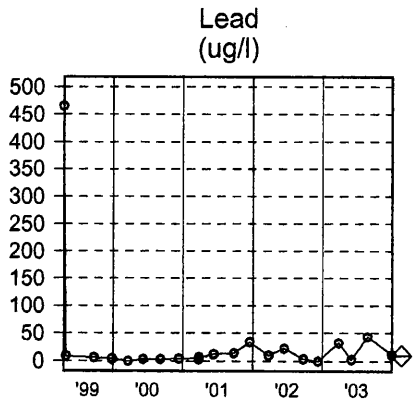


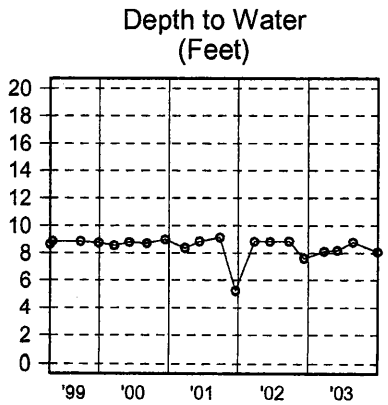












SOURCE: 00M8MW23

Sampling Dates:
04/14/1999 - 12/30/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 13 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-08-2004 \\Gar045\ENVR_Data\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Benzene	Iron	Sodium	Chromium	Lead	Depth to Water			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet			-
NJDEP Criteria:	-	4	1	300	50000	100	10	-			-
04/14/1999	FMETL	ND	ND	13100	15400	8.01	50.5	17.96			V,S,P,M
04/28/1999	FMETL	ND	ND	13500	29600	39.3	385	18.64			V,S,P,M
09/23/1999	FMETL	1.01	ND	36600	59600	8.75	27.1	18.22			V,S,P,M
03/15/2000	FMETL	1.99	1.67	7840	21400	2.75	ND	19.20			V,S,P,M
03/15/2000D	FMETL	1.68	1.39	7880	20500	ND	ND	19.20			V,S,P,M
06/05/2000	FMETL	2.74	1.35	7150	24000	3.93	5.61	19.46			V,S,P,M
09/06/2000	FMETL	2.91	1.49	7450	26800	ND	ND	19.00			V,S,P,M
12/26/2000	FMETL	1.37	ND	3130	10100	ND	ND	20.35			V,S,P,M
03/31/2001	FMETL	39.77	3.97	30600	92800	ND	25.0	18.22			V,S,P,M
03/31/2001D	FMETL	38.86	3.82	30100	ND	ND	19.0	18.22			V,S,P,M
06/23/2001	FMETL	1.70	ND	11300	32000	ND	ND	18.92			V,S,P,M
06/23/2001D	FMETL	1.64	ND	10500	29600	ND	ND	18.92			V,S,P,M
09/24/2001	FMETL	2.80	1.28	22200	57500	0.844	4.76	9.76			V,S,P,M
12/10/2001	FMETL	1.94	1.40	12700	34500	3.49	2.37	19.71			V,S,P,M
03/27/2002	FMETL	ND	ND	6080	21500	ND	ND	17.61			V,S,P,M
06/22/2002	FMETL	1.78	1.33	8000	24400	ND	ND	17.91			V,S,P,M
09/26/2002	FMETL	2.51	ND	13900	45500	ND	ND	19.50			V,S,P,M
12/13/2002	FMETL	1.42	ND	7989	23300	ND	ND	19.09			V,S,P,M
03/20/2003	FMETL	5.00	ND	10400	42100	ND	ND	19.06			V,S,P,M
06/25/2003	FMETL	3.02	ND	12200	44700	1.35	1.36	15.23			V,S,P,M
09/08/2003	FMETL	2.15	1.08	10800	35000	ND	1.28	13.21			V,S,P,M
11/21/2003	FMETL	1.45	0.65	7640	24500	ND	ND	19.03			V,S,P,M

SOURCE: 00M8MW24

Sampling Dates:
04/14/1999 - 11/21/2003

NOTES:

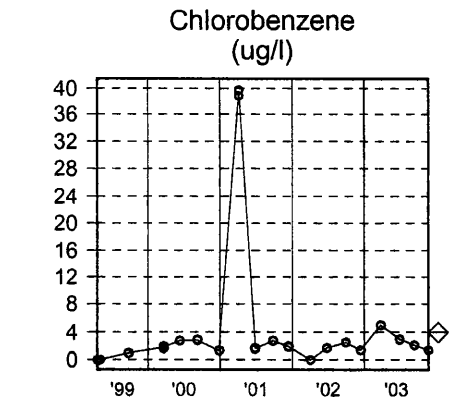
FORT MONMOUTH

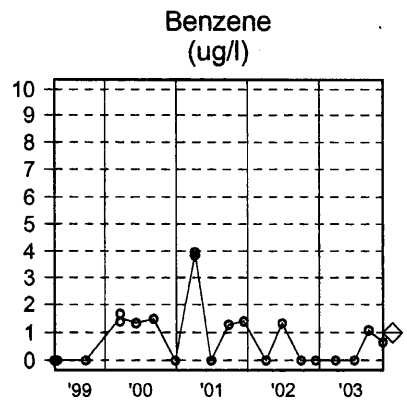
GW MONITORING
M-8 Bldg 697

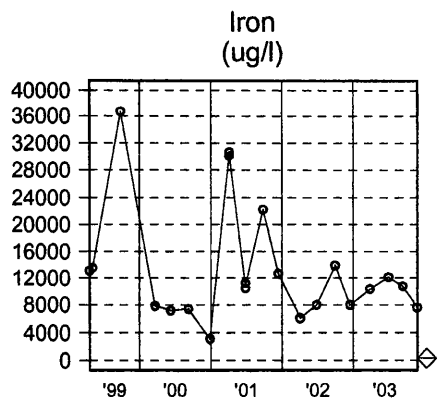
Source 14 of 14

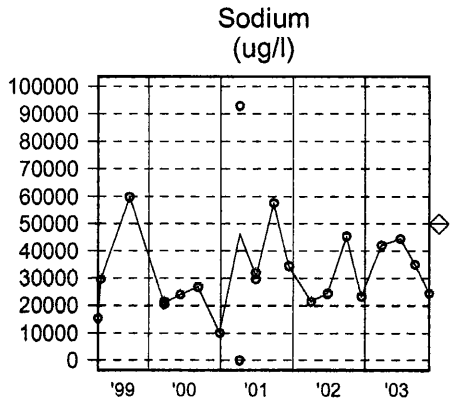
Silver in blank > Criteria, sample date 6/97.

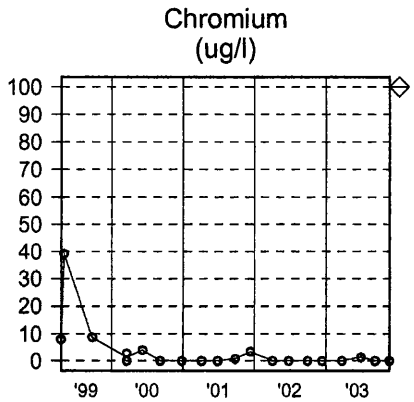
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

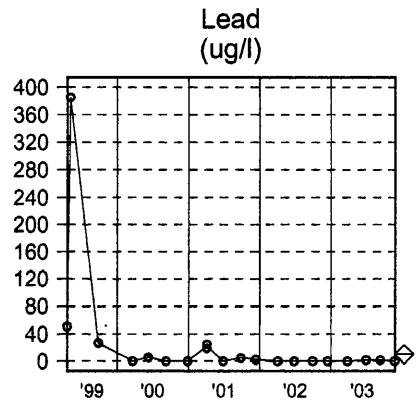


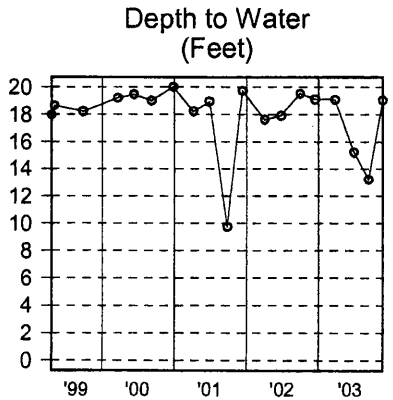












SOURCE: 00M8MW24

Sampling Dates:
04/14/1999 - 11/21/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 14 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-08-2004 \\Gar045\ENVR_Data\MtechData\M-8\M8.WSF

	Lab	Tetra chloro ethene	Aluminum	Iron	Manganese	Sodium	Depth to Water				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	Feet				-
NJDEP Criteria:	-	1	200	300	50	50000	-				-
08/27/1997	FMETL	ND	340	10520	59	22850	13.15				V,S,P,M
10/29/1997	FMETL	ND	99	2331	24	20150	13.35				V,S,P,M
02/26/1998	FMETL	ND	418	1617	23.1	18570	11.26				V,S,P,M
06/04/1998	FMETL	ND	63	1666	16.5	15120	12.12				V,S,P,M
08/28/1998	FMETL	5.56	218	2360	11	15200	13.54				V,S,P,M
11/04/1998	FMETL	1.18	52	825	11.8	19300	14.09				V,S,P,M
01/27/1999	FMETL	ND	ND	310	20.8	17400	12.27				V,S,P,M
06/22/1999	FMETL	ND	ND	278	9.50	15900	13.23				V,S,P,M
09/23/1999	FMETL	ND	ND	903	14.0	16400	12.88				V,S,P,M
12/28/1999	FMETL	ND	ND	894	3690	17700	12.55				V,S,P,M
03/15/2000	FMETL	ND	33.3	589	25.2	13500	12.27				V,S,P,M
06/05/2000	FMETL	ND	ND	1050	19.2	18500	12.72				V,S,P,M
09/06/2000	FMETL	ND	35.8	1640	22.0	23300	12.49				V,S,P,M
12/13/2000	FMETL	ND	ND	970	20.9	26800	13.00				V,S,P,M
03/20/2001	FMETL	ND	140	1690	20.4	24200	12.13				V,S,P,M
06/08/2001	FMETL	ND	17.6	102	23.3	19600	8.62				V,S,P,M
09/24/2001	FMETL	ND	191	2030	57.3	49100	13.47				V,S,P,M
12/17/2001	FMETL	ND	609	7360	43.1	35800	14.10				V,S,P,M
03/21/2002	FMETL	ND	49.0	1410	22.0	26200	13.11				V,S,P,M
06/11/2002	FMETL	ND	79.1	5310	20.9	27200	12.83				V,S,P,M
09/23/2002	FMETL	ND	103	2150	15.3	15900	13.80				V,S,P,M
12/13/2002	FMETL	ND	36.8	1060	45.9	40600	11.17				V,S,P,M
03/21/2003	FMETL	ND	292	8220	23.9	30100	11.80				V,S,P,M
05/30/2003	FMETL	ND	381	7090	17.7	33100	12.05				V,S,P,M
08/22/2003	FMETL	1.25	195	2590	24.9	44200	12.77				V,S,P,M
12/30/2003	FMETL	1.40	1090	7900	18.3	44100	12.04				V,S,P,M

SOURCE: 0697MW01

Sampling Dates:
08/27/1997 - 12/30/2003

NOTES:

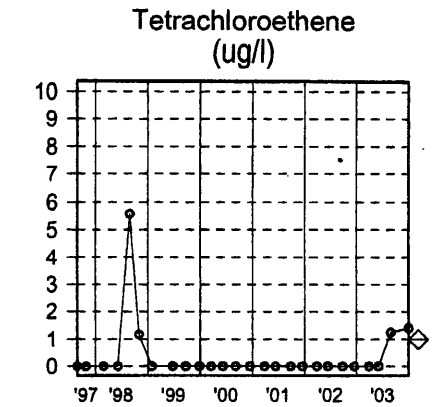
FORT MONMOUTH

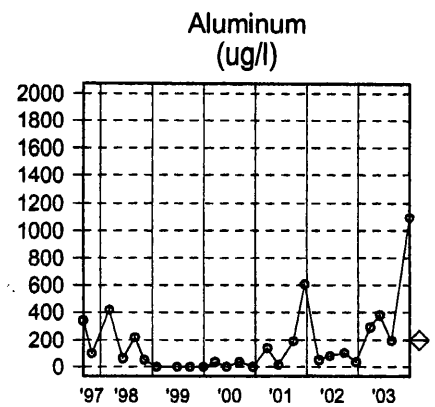
GW MONITORING
M-8 Bldg 697

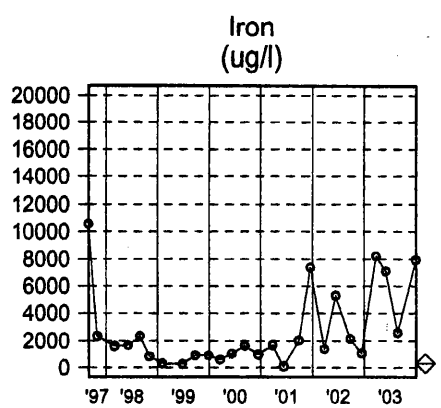
Source 5 of 14

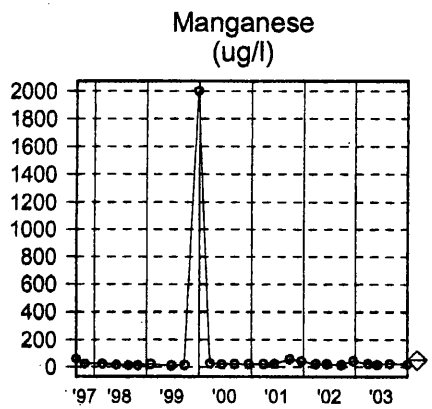
Silver in blank > Criteria, sample date 6/97.

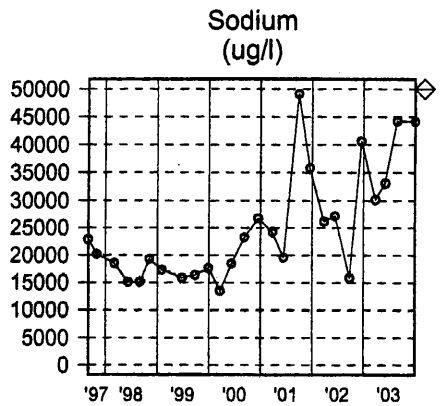
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

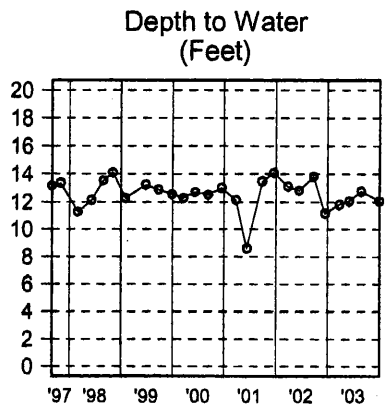












SOURCE: 0697MW01

Sampling Dates:
08/27/1997 - 12/30/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 5 of 14, Graph

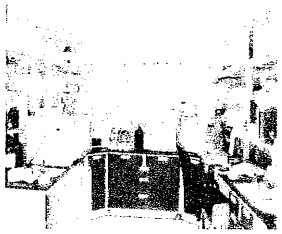
Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

03-08-2004 \\Gar045\ENVR_Data\MtechData\M-8\M8.WSF

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING



ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: M-8, Bldg. 697

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
4015704	00M8MW12	29-32560	03/09/04
4015509	00M8MW13	29-32561	03/05/04
4015510	00M8MW14	29-32562	03/05/04
4015705	00M8MW15	29-32563	03/09/04
4015706	00M8MW16	29-39146	03/09/04
4015707	00M8MW17	29-39147	03/09/04
4015508	00M8MW18	29-39148	03/05/04
4015507	00M8MW19	29-39149	03/05/04
4015506	00M8MW20	29-39150	03/05/04
4015505	00M8MW21	29-39151	03/05/04
4015504	00M8MW22	29-39152	03/05/04
4015709	0697MW01	29-31778	03/09/04
4015708	00M8MW23	29-40128	03/09/04
4014201	00M8MW24	29-41724	02/25/04

NJDEP Laboratory Certification # 13461

4-9-04

Daniel Wright Date:
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B
TARGET COMPOUND LIST	Federal Register 40 CFR Part 136 Appendix A
Base/Neutrals and Acid Extractables by GC/MS	625
Purgeable Organcis by GC/MS	624
Pesticides and PCB's by GC	608

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. FALLON
Phone #: X26223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: M8 Wells
1st Qtr '04 P+T

Samplers Name / Company: Corey McCormack, TUS

Analysis Parameters: VO+15 | TAL mtls | Pest/PCB | BNA+25 | Hardhead

Comments: HCL/HNO3/4°C

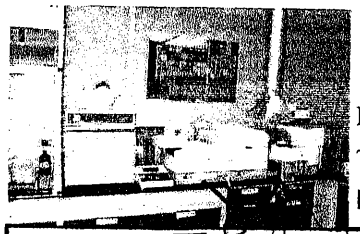
LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VO+15	TAL mtls	Pest/PCB	BNA+25				Hardhead	Remarks / Preservation Method
10157 01	Trip	3/9/04	0739	AQ	2	✓							—	
02	Field Blank		0845		5	✓	✓	✓	✓				—	
03	Dupe		—		5	✓	✓	✓	✓				—	
04	M8 mw12 *		1356		5	✓	✓	✓	✓				0.0	29-32560
05	M8 mw15		1050			✓	✓	✓	✓				0.0	29-32563
06	M8 mw16		0935			✓	✓	✓	✓				0.0	29-39146
07	M8 mw17		0927			✓	✓	✓	✓				0.0	29-39147
08	M8 mw23		1115			✓	✓	✓	✓				0.0	29-40128
09	697 mw01		1102			✓	✓	✓	✓				0.0	29-31776

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	3/9/04 1430	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
		[signature]			

Report Type: ( )Full, ( )Reduced, ( )Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: ( )Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____Hrs.

Remarks: Tide: H

print legibly



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: 426223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: M8 Wells
1st Qtr'01 P+I

Samplers Name / Company: Corey McCormack, TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOC+15	TAL MHS	Pest/PCB	BNA+25				Hg Lead	Comments: HCL/HNO3/24°C Remarks / Preservation Method
40155 01	Trip	3/5/04	0739	AQ	2	✓							1	
02	Field Blank		0815		5	✓	✓	✓	✓				–	
03	Dupe		—		5	✓	✓	✓	✓				–	
04	M8MW22		0847		5	✓	✓	✓	✓				0.0	29-39152
05	M8MW21		0923			✓	✓	✓	✓				0.0	29-39151
06	M8MW20		1202			✓	✓	✓	✓				0.0	29-39150
07	M8 MW19		1238			✓	✓	✓	✓				0.0	29-39149
08	M8 MW18		1323			✓	✓	✓	✓				0.0	29-39148
09	M8 MW13		1126			✓	✓	✓	✓				0.0	29-32561
10	M8 MW14 *		1419			✓	✓	✓	✓				0.0	29-32563

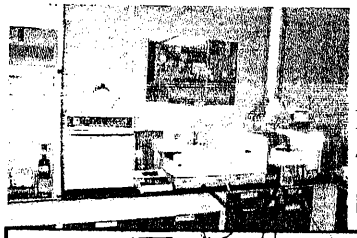
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	3/5/04 1431	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (X)Reduced, (_)Standard, (_)Screen / non-certified, (_)EDD
Turnaround time: (X)Standard 3 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks:
Tide: H

print legibly

COC.XLS2/3/2004



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil

NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: 826223
(X)DERA ( )OMA ( )Other:_____

Project No:
Location: M8 wells
1st Qtr '04 LoFlo

Samplers Name / Company: Corey McCormack, TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOC+15	TAL mtls	Pest/PCB	BNA+25				Hex Chrom	Remarks / Preservation Method
40142 01	M8MW24	2/25/04	1331	AQ	5	✓	✓	✓	✓				0.0	29-41724

Comments: HCl/HNO3/≤4°C

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	2/25/04 1440	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified, (_)EDD
Turnaround time: (X)Standard 3 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: Shows T/FB/O from M2 LoFlo same date
Tide: L → FH

print legibly

Page 1 of 1

COC.XLS1/12/2004

LTM Depth to Water

Location: M8
Date: 03/05/04

Well	NJDEP Well ID	Depth of Well Feet	Well Diameter Inch	Depth to Water Feet
M8MW12	29-32560	17.25	4	8.99
M8MW13	29-32561	18082	4	5.76
M8MW14	29-32562	16.69	4	7.61
M8MW15	29-32563	16.51	4	4.12
M8MW16	29-39146	15.5	2	8.13
M8MW17	29-39147	15.4	2	4.08
M8MW18	29-39148	16.55	2	6.6
M8MW19	29-39149	17.5	2	7.29
M8MW20	29-39150	17.35	2	7
M8MW21	29-39151	15.75	2	8.16
M8MW22	29-39152	18	2	6.2
M8MW23	29-40128	16.72	4	8.68
M8MW24	29-41724	46.32	4	19.71
697MW01	29-31776	19.5	4	12.7

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW12
NJDEP ID #: 29-32560
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 03/09/04
WEATHER: Sunny and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 9.01 ft
DEPTH OF WELL: 17.25 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.24 ft
(8.24) X .65 X 3 =16.06
GALLONS OF H_2O TO BE PURGED: 16 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 12:46
pH 6.47 su — TEMP 13.57 °C
DISSOLVED O_2 3.21 mg/L — SPECIFIC CONDUCTIVITY 241.7 µs/cm

PURGE END TIME: 13:55
pH 6.37 su — TEMP 13.41 °C
DISSOLVED O_2 2.14 mg/L — SPECIFIC CONDUCTIVITY 287.1 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.99 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 16 gal

SAMPLE START TIME: 13:56
pH 6.36 su — TEMP 13.42 °C
DISSOLVED O_2 2.12 mg/L — SPECIFIC CONDUCTIVITY 271.3 µs/cm

SAMPLE END TIME: 14:00

COMMENTS: DUP. Here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW13
NJDEP ID #: 29-32561
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 03/05/04
WEATHER: Overcast and cool.
TIDE: High.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 5.76 ft
DEPTH OF WELL: 18.82 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 13.06 ft
(13.06) X .65 X 3 =25.46
GALLONS OF H_2O TO BE PURGED: 25 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:37
pH 6.87 su — TEMP 13.40 °C
DISSOLVED O_2 3.24 mg/L — SPECIFIC CONDUCTIVITY 147.6 µs/cm

PURGE END TIME: 11:25
pH 6.90 su — TEMP 13.37 °C
DISSOLVED O_2 2.20 mg/L — SPECIFIC CONDUCTIVITY 142.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.11 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 25 gal

SAMPLE START TIME: 11:26
pH 6.89 su — TEMP 13.36 °C
DISSOLVED O_2 2.17 mg/L — SPECIFIC CONDUCTIVITY 141.7 µs/cm

SAMPLE END TIME: 11:31

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW14
NJDEP ID #: 29-32562
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 03/05/04
WEATHER: Overcast and cool.
TIDE: High.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 7.61 ft
DEPTH OF WELL: 16.69 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.08 ft
(9.08) X .65 X 3 =17.70
GALLONS OF H_2O TO BE PURGED: 18 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 12:55
pH 7.08 su — TEMP 13.51 °C
DISSOLVED O_2 2.97 mg/L — SPECIFIC CONDUCTIVITY 1076 µs/cm

PURGE END TIME: 14:13
pH 6.99 su — TEMP 13.41 °C
DISSOLVED O_2 2.11 mg/L — SPECIFIC CONDUCTIVITY 981.9 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 11.45 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 18 gal

SAMPLE START TIME: 14:14
pH 7.00 su — TEMP 13.42 °C
DISSOLVED O_2 2.07 mg/L — SPECIFIC CONDUCTIVITY 982.3 µs/cm

SAMPLE END TIME: 14:19

COMMENTS: DUP. Here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW15
NJDEP ID #: 29-32563
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 03/09/04
WEATHER: Sunny and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 4.13 ft
DEPTH OF WELL: 16.51 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 12.38 ft
(12.38) X .65 X 3 =24.14
GALLONS OF H_2O TO BE PURGED: 24 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:05
pH 7.10 su — TEMP 13.37 °C
DISSOLVED O_2 3.41 mg/L — SPECIFIC CONDUCTIVITY 166.4 µs/cm

PURGE END TIME: 10:49
pH 6.81 su — TEMP 13.27 °C
DISSOLVED O_2 2.27 mg/L — SPECIFIC CONDUCTIVITY 193.2 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.01 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 24 gal

SAMPLE START TIME: 10:50
pH 6.80 su — TEMP 13.28 °C
DISSOLVED O_2 2.25 mg/L — SPECIFIC CONDUCTIVITY 194.1 µs/cm

SAMPLE END TIME: 10:55

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW16
NJDEP ID #: 29-39146
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 03/09/04
WEATHER: Sunny and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 8.15 ft
DEPTH OF WELL: 15.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.35 ft
(7.35) X .163 X 3 =3.59
GALLONS OF H_2O TO BE PURGED: 4 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:10
pH 6.87 su — TEMP 13.41 °C
DISSOLVED O_2 2.96 mg/L — SPECIFIC CONDUCTIVITY 976.4 µs/cm

PURGE END TIME: 09:27
pH 6.80 su — TEMP 13.30 °C
DISSOLVED O_2 2.16 mg/L — SPECIFIC CONDUCTIVITY 863.2 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.57 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 4 gal

SAMPLE START TIME: 09:35
pH 6.79 su — TEMP 13.32 °C
DISSOLVED O_2 2.10 mg/L — SPECIFIC CONDUCTIVITY 864.1 µs/cm

SAMPLE END TIME: 09:40

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW17
NJDEP ID #: 29-39147
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 03/09/04
WEATHER: Sunny and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 4.11 ft
DEPTH OF WELL: 15.40 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.29 ft
(11.29) X .163 X 3 =5.52
GALLONS OF H_2O TO BE PURGED: 6 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:00
pH 6.83 su — TEMP 13.47 °C
DISSOLVED O_2 3.10 mg/L — SPECIFIC CONDUCTIVITY 977.1 µs/cm

PURGE END TIME: 09:26
pH 6.80 su — TEMP 13.37 °C
DISSOLVED O_2 2.13 mg/L — SPECIFIC CONDUCTIVITY 988.4 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 6.22 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 6 gal

SAMPLE START TIME: 09:27
pH 6.80 su — TEMP 13.36 °C
DISSOLVED O_2 2.11 mg/L — SPECIFIC CONDUCTIVITY 989.1 µs/cm

SAMPLE END TIME: 09:32

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW18
NJDEP ID #: 29-39148
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 03/05/04
WEATHER: Overcast and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 6.60 ft
DEPTH OF WELL: 16.55 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.95 ft
(9.95) X .163 X 3 =4.86
GALLONS OF H_2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 13:00
pH 6.89 su — TEMP 13.50 °C
DISSOLVED O_2 3.23 mg/L — SPECIFIC CONDUCTIVITY 176.1 µs/cm

PURGE END TIME: 13:22
pH 6.81 su — TEMP 13.40 °C
DISSOLVED O_2 2.24 mg/L — SPECIFIC CONDUCTIVITY 181.4 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.31 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 13:23
pH 6.80 su — TEMP 13.39 °C
DISSOLVED O_2 2.21 mg/L — SPECIFIC CONDUCTIVITY 182.1 µs/cm

SAMPLE END TIME: 13:28

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW19
NJDEP ID #: 29-39149
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 03/05/04
WEATHER: Overcast and cool.
TIDE: High.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 7.29 ft
DEPTH OF WELL: 17.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.21 ft
(10.21) X .163 X 3 =4.99
GALLONS OF H_2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 12:15
pH 6.80 su — TEMP 13.46 °C
DISSOLVED O_2 2.91 mg/L — SPECIFIC CONDUCTIVITY 579.4 µs/cm

PURGE END TIME: 12:37
pH 6.76 su — TEMP 13.21 °C
DISSOLVED O_2 2.03 mg/L — SPECIFIC CONDUCTIVITY 631.4 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.41 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 12:38
pH 6.77 su — TEMP 13.20 °C
DISSOLVED O_2 2.04 mg/L — SPECIFIC CONDUCTIVITY 632.2 µs/cm

SAMPLE END TIME: 12:43

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW20
NJDEP ID #: 29-39150
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 03/05/04
WEATHER: Overcast and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 7.00 ft
DEPTH OF WELL: 17.35 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.35 ft
(10.35) X .163 X 3 =5.061
GALLONS OF H_2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 11:39
pH 6.91 su — TEMP 13.37 °C
DISSOLVED O_2 3.24 mg/L — SPECIFIC CONDUCTIVITY 137.6 µs/cm

PURGE END TIME: 12:01
pH 6.83 su — TEMP 13.35 °C
DISSOLVED O_2 2.10 mg/L — SPECIFIC CONDUCTIVITY 159.4 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.95 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 12:02
pH 6.84 su — TEMP 13.35 °C
DISSOLVED O_2 2.10 mg/L — SPECIFIC CONDUCTIVITY 160.2 µs/cm

SAMPLE END TIME: 12:08

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW21
NJDEP ID #: 29-39151
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 03/05/04
WEATHER: Overcast and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 8.16 ft
DEPTH OF WELL: 15.75 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.59 ft
(7.59) X .163 X 3 =3.71
GALLONS OF H_2O TO BE PURGED: 4 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 09:05
pH 6.93 su — TEMP 13.41 °C
DISSOLVED O_2 3.23 mg/L — SPECIFIC CONDUCTIVITY 152.4 µs/cm

PURGE END TIME: 09:22
pH 6.88 su — TEMP 13.33 °C
DISSOLVED O_2 2.07 mg/L — SPECIFIC CONDUCTIVITY 113.9 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.29 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 4 gal

SAMPLE START TIME: 09:23
pH 6.89 su — TEMP 13.34 °C
DISSOLVED O_2 2.06 mg/L — SPECIFIC CONDUCTIVITY 112.7 µs/cm

SAMPLE END TIME: 09:28

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW22
NJDEP ID #: 29-39152
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 03/05/04
WEATHER: Overcast and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 6.20 ft
DEPTH OF WELL: 18.00 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.80 ft
(11.80) X .163 X 3 =5.77
GALLONS OF H_2O TO BE PURGED: 6 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:20
pH 6.79 su — TEMP 13.46 °C
DISSOLVED O_2 3.17 mg/L — SPECIFIC CONDUCTIVITY 671.1 µs/cm

PURGE END TIME: 08:46
pH 6.89 su — TEMP 13.33 °C
DISSOLVED O_2 2.09 mg/L — SPECIFIC CONDUCTIVITY 542.1 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.51 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 6 gal

SAMPLE START TIME: 08:47
pH 6.91 su — TEMP 13.33 °C
DISSOLVED O_2 2.11 mg/L — SPECIFIC CONDUCTIVITY 592.3 µs/cm

SAMPLE END TIME: 08:52

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW23
NJDEP ID #: 29-40128
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 03/09/04
WEATHER: Sunny and cool.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 8.59 ft
DEPTH OF WELL: 16.72 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.13 ft
(8.13) X .65 X 3 =15.85
GALLONS OF H_2O TO BE PURGED: 16 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:05
pH 6.23 su — TEMP 13.42 °C
DISSOLVED O_2 3.00 mg/L — SPECIFIC CONDUCTIVITY 417.6 µs/cm

PURGE END TIME: 11:24
pH 6.00 su — TEMP 13.30 °C
DISSOLVED O_2 2.07 mg/L — SPECIFIC CONDUCTIVITY 524.7 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.69 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 16 gal

SAMPLE START TIME: 11:15
pH 6.01 su — TEMP 13.31 °C
DISSOLVED O_2 2.05 mg/L — SPECIFIC CONDUCTIVITY 525.1 µs/cm

SAMPLE END TIME: 11:19

COMMENTS: Low draw down.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW24
NJDEP ID # 29-41724
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 02/25/04
WEATHER: Sunny, Cold.
TIDE: L - IH
WELL CONDITION: Good
LNAPLs: N
DNAPLs: N

Hnu Calibration: Span 5.29 w/ 100 ppm Isobutylene
Sonde Calibration:
pH: 7.00/10.00/4.00 Buffers
Sp Cond/Cond:20.1 μ ohms/cm solution (KCl)
DO: % Humidity 760mm (Barometric Pressure)
Temp.: N/A
Turb: YSI CAL SOL. 1.0, 10.0, 100.0 NTU's
DIH2O for 0.0 NTU

ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4 INCH
DEPTH TO WATER: 19.30 ft
Before Purge Start: 19.30 ft Previous Day: N/A ft After Sampling: 19.37 ft
DEPTH OF WELL: 46.32 ft
DEPTH TO TOP OF SCREEN: N/A ft
DEPTH OF PUMP/TUBE INTAKE: 40.00 ft
TUBING: Food Grade ¼" Polyethylene
HEIGHT OF WATER: 27.02 ft
(27.02) X .65 X 3 = 52.68
(.65 for 4")
GALLONS OF H2O TO BE PURGED: 53 Gal
PURGE METHOD: (FLOW at >100 TO <500 gpm): 2" REDIFLO 2 GRUNDPHOS SUBMERSIBLE PUMP
Purged at * mL/Min or Gal/Min. (ml to gal.:ml(0002642)=gal)
PURGE RATE: * gpm
Start @ 325 ml/min @ 1207 to
230 ml/min @ 1208 until end
Hnu READING: 0.0 ppm (Well)
Hnu READING: 0.0 ppm (Well Cap)

PURGE START TIME: 1205
pH 6.60 su ORP N/A mv TEMP 13.37 °C Turb 27.6 NTU
DISSOLVED O_2 2.37 mg/L Sp. CONDUCTIVITY 121.9 ms/cm

PURGE END TIME: 1330
pH 6.50 su ORP N/A mv TEMP 13.26 °C Turb 3.17 NTU
DISSOLVED O_2 1.78 mg/L Sp. CONDUCTIVITY 97.6 ms/cm

DEPTH TO H2O AFTER PURGE AND SAMPLING: 19.37 ft
(SAMPLING METHOD: (Through pump and tubing. Flow cell disconnected)

SAMPLE START TIME: 1331
pH 6.49 su ORP N/A mv TEMP 13.26 °C Turb 3.16 NTU
DISSOLVED O_2 1.77 mg/L Sp. CONDUCTIVITY 97.6 ms/cm

SAMPLE END TIME: 1336
ANALYTES : VOA+15, TAL Mtls, Pest/PCB, BNA+25
COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 0697MW01
NJDEP ID #: 29-31776
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 03/09/04
WEATHER: Sunny and cool.
TIDE: High.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 12.73 ft
DEPTH OF WELL: 19.80 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.07 ft
(7.07) X .65 X 3 =13.78
GALLONS OF H_2O TO BE PURGED: 14 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:00
pH 5.91 su — TEMP 13.47 °C
DISSOLVED O_2 3.07 mg/L — SPECIFIC CONDUCTIVITY 111.0 µs/cm

PURGE END TIME: 11:01
pH 5.79 su — TEMP 13.30 °C
DISSOLVED O_2 2.13 mg/L — SPECIFIC CONDUCTIVITY 130.4 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 12.85 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 14 gal

SAMPLE START TIME: 11:02
pH 5.76 su — TEMP 13.31 °C
DISSOLVED O_2 2.14 mg/L — SPECIFIC CONDUCTIVITY 129.7 µs/cm

SAMPLE END TIME: 11:07

COMMENTS: Low draw down.

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

U: The compound was analyzed for but not detected.

B: Indicates that the compound was found in the associated method blank as well as in the sample.

J: Indicates an estimated value. This flag is used:

(1) When the mass spec and retention time data indicate the presence of a compound however the result is less than the MDL but greater than zero.

(2) When estimating the concentration of a tentatively identified compound (TIC), where a 1:1 response is assumed.

D: This flag is used to identify all compounds (target or TIC) that required a dilution.

E: Indicates the compound's concentration exceeds the calibration range of the instrument for that specific analysis.

N: This flag is only used for TICs. It indicates the presumptive evidence of a compound. For a generic characterization of a TIC, such as unknown hydrocarbon, the flag is not used.

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	VC011222.D	Sample Name	MB 10Mar04
Operator	Skelton	Field ID	MB 10Mar04
Date Aquired	10-Mar-04	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform	15.57	75236	0.54 ug/L	6	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

MB 10Mar04

Lab Name: FMETL NJDEP # 13461

Project: LTM Case No.: 40155 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 10Mar04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011222.D

Level: (low/med) LOW Date Received: 3/5/2004

% Moisture: not dec. Date Analyzed: 3/10/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB015890.D	Sample Name	MB 03March04
Operator	Skelton	Field ID	MB 03March04
Date Acquired	3 Mar 2004 3:02 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.74	36431	0.93 ug/L	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 03Mar04**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40142 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 03March04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB015890.D

Level: (low/med) LOW Date Received: 2/25/2004

% Moisture: not dec. Date Analyzed: 3/3/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	27.81	4	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC011229.D**	Sample Name	**4015501**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**10-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform	15.57	229092	1.62 ug/L	6	0.32 ug/L	2.00 ug/L	B
75-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: LTM Case No.: 40155 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4015501

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011229.D

Level: (low/med) LOW Date Received: 3/5/2004

% Moisture: not dec. Date Analyzed: 3/10/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC011239.D**	Sample Name	**4015701**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**11-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform	15.58	206747	1.54 ug/L	6	0.32 ug/L	2.00 ug/L	B
75-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: LTM Case No.: 40157 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4015701

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011239.D

Level: (low/med) LOW Date Received: 3/9/2004

% Moisture: not dec. Date Analyzed: 3/11/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC011230.D**	Sample Name	**4015502**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**10-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform	15.57	231339	1.64 ug/L	6	0.32 ug/L	2.00 ug/L	B
75-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Field Blank

Lab Name: FMETL NJDEP # 13461

Project: LTM Case No.: 40155 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4015502

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011230.D

Level: (low/med) LOW Date Received: 3/5/2004

% Moisture: not dec. Date Analyzed: 3/10/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC011240.D**	Sample Name	**4015702**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**11-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform	15.57	213311	1.56 ug/L	6	0.32 ug/L	2.00 ug/L	B
75-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Field Blank

Lab Name: FMETL NJDEP # 13461

Project: LTM Case No.: 40157 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4015702

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011240.D

Level: (low/med) LOW Date Received: 3/9/2004

% Moisture: not dec. Date Analyzed: 3/11/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	VC011231.D	Sample Name	4015503
Operator	Skelton	Field ID	Dupe
Date Aquired	10-Mar-04	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Dupe

Lab Name: FMETL NJDEP # 13461

Project: LTM Case No.: 40155 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4015503

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011231.D

Level: (low/med) LOW Date Received: 3/5/2004

% Moisture: not dec. Date Analyzed: 3/10/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	VC011241.D	Sample Name	**4015703**
Operator	**Skelton**	Field ID	**Dupe**
Date Aquired	**11-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.70	600589	6.68 ug/L	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	18.50	217061	3.60 ug/L	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Dupe

Lab Name: FMETL NJDEP # 13461

Project: LTM Case No.: 40157 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4015703

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011241.D

Level: (low/med) LOW Date Received: 3/9/2004

% Moisture: not dec. Date Analyzed: 3/11/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	VC011242.D	Sample Name	**4015704**
Operator	Skelton	Field ID	**M8MW12**
Date Aquired	11-Mar-04	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.70	585033	6.50 ug/L	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	18.50	219359	3.70 ug/L	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M8MW12

Lab Name: FMETL NJDEP # 13461

Project: LTM Case No.: 40157 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4015704

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011242.D

Level: (low/med) LOW Date Received: 3/9/2004

% Moisture: not dec. Date Analyzed: 3/11/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	VC011237.D	Sample Name	**4015509**
Operator	**Skelton**	Field ID	**M8MW13**
Date Aquired	**11-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.63	33728	0.95 ug/L	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M8MW13

Lab Name: FMETL NJDEP # 13461

Project: LTM Case No.: 40155 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4015509

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011237.D

Level: (low/med) LOW Date Received: 3/5/2004

% Moisture: not dec. Date Analyzed: 3/11/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	VC011238.D	Sample Name	4015510
Operator	Skelton	Field ID	M8MW14
Date Aquired	11-Mar-04	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M8MW14

Lab Name: FMETL NJDEP # 13461

Project: LTM Case No.: 40155 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4015510

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011238.D

Level: (low/med) LOW Date Received: 3/5/2004

% Moisture: not dec. Date Analyzed: 3/11/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	VC011243.D	Sample Name	**4015705**
Operator	Skelton	Field ID	**M8MW15**
Date Aquired	11-Mar-04	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M8MW15

Lab Name: FMETL NJDEP # 13461

Project: LTM Case No.: 40157 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4015705

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011243.D

Level: (low/med) LOW Date Received: 3/9/2004

% Moisture: not dec. Date Analyzed: 3/11/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	VC011244.D	Sample Name	**4015706**
Operator	Skelton	Field ID	**M8MW16**
Date Aquired	11-Mar-04	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene	16.90	152712	0.60 ug/L	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene	25.00	1847594	10.68 ug/L	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene	30.53	84811	0.83 ug/L	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M8MW16

Lab Name: FMETL NJDEP # 13461

Project: LTM Case No.: 40157 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4015706

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011244.D

Level: (low/med) LOW Date Received: 3/9/2004

% Moisture: not dec. Date Analyzed: 3/11/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	VC011245.D	Sample Name	**4015707**
Operator	**Skelton**	Field ID	**M8MW17**
Date Aquired	**11-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M8MW17

Lab Name: FMETL NJDEP # 13461

Project: LTM Case No.: 40157 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4015707

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011245.D

Level: (low/med) LOW Date Received: 3/9/2004

% Moisture: not dec. Date Analyzed: 3/11/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	VC011236.D	Sample Name	**4015508**
Operator	**Skelton**	Field ID	**M8MW18**
Date Aquired	**10-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.64	36762	1.00 ug/L	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene	24.99	2037914	11.30 ug/L	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene	30.54	217538	2.05 ug/L	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M8MW18

Lab Name: FMETL NJDEP # 13461

Project: LTM Case No.: 40155 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4015508

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011236.D

Level: (low/med) LOW Date Received: 3/5/2004

% Moisture: not dec. Date Analyzed: 3/10/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown hydrocarbon	8.48	5	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	VC011235.D	Sample Name	**4015507**
Operator	**Skelton**	Field ID	**M8MW19**
Date Aquired	10-Mar-04	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.62	51749	1.41 ug/L	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M8MW19

Lab Name: FMETL NJDEP # 13461

Project: LTM Case No.: 40155 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4015507

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011235.D

Level: (low/med) LOW Date Received: 3/5/2004

% Moisture: not dec. _____ Date Analyzed: 3/10/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	VC011234.D	Sample Name	**4015506**
Operator	**Skelton**	Field ID	**M8MW20**
Date Aquired	**10-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M8MW20

Lab Name: FMETL NJDEP # 13461

Project: LTM Case No.: 40155 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4015506

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011234.D

Level: (low/med) LOW Date Received: 3/5/2004

% Moisture: not dec. Date Analyzed: 3/10/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	VC011233.D	Sample Name	**4015505**
Operator	Skelton	Field ID	**M8MW21**
Date Aquired	10-Mar-04	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M8MW21

Lab Name: FMETL NJDEP # 13461

Project: LTM Case No.: 40155 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4015505

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011233.D

Level: (low/med) LOW Date Received: 3/5/2004

% Moisture: not dec. _____ Date Analyzed: 3/10/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	VC011232.D	Sample Name	4015504
Operator	Skelton	Field ID	M8MW22
Date Aquired	10-Mar-04	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M8MW22

Lab Name: FMETL NJDEP # 13461

Project: LTM Case No.: 40155 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4015504

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011232.D

Level: (low/med) LOW Date Received: 3/5/2004

% Moisture: not dec. Date Analyzed: 3/10/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	VC011246.D	Sample Name	4015708
Operator	Skelton	Field ID	M8MW23
Date Aquired	11-Mar-04	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride	5.13	293930	2.40 ug/L	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.69	189715	2.12 ug/L	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M8MW23

Lab Name: FMETL NJDEP # 13461

Project: LTM Case No.: 40157 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4015708

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011246.D

Level: (low/med) LOW Date Received: 3/9/2004

% Moisture: not dec. Date Analyzed: 3/11/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB015907.D	Sample Name	4014201
Operator	Skelton	Field ID	M8MW24
Date Acquired	4 Mar 2004 1:43 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene	18.23	71797	1.20 ug/L	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene	25.76	125599	3.11 ug/L	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene	30.27	22064	0.74 ug/L	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW24**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40142 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4014201

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB015907.D

Level: (low/med) LOW Date Received: 2/25/2004

% Moisture: not dec. Date Analyzed: 3/4/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000060-29-7	Ether	8.77	8	JN
2.	unknown	27.81	3	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	VC011247.D	Sample Name	**4015709**
Operator	**Skelton**	Field ID	**697MW01**
Date Aquired	**11-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	22.89	35830	0.57 ug/L	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	2.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

697MW01

Lab Name: FMETL NJDEP # 13461

Project: LTM Case No.: 40157 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4015709

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011247.D

Level: (low/med) LOW Date Received: 3/9/2004

% Moisture: not dec. _____ Date Analyzed: 3/11/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09501.D**	Sample Name	**MB-022704-01**
Operator	**BPatel**	Misc Info	**MB-022704-01**
Date Acquired	**1-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09501.D**	Sample Name	**MB-022704-01**
Operator	**BPatel**	Misc Info	**MB-022704-01**
Date Acquired	**1-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **MB-022704-01**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40142 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB-022704-01

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09501.D

Level: (low/med) LOW Date Received: 2/25/2004

% Moisture: decanted: (Y/N) N Date Extracted: 2/27/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/1/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	29.87	6	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN07291.D**	Sample Name	**MB-031104-02**
Operator	**B.Patel**	Misc Info	**MB-031104-02**
Date Acquired	**15-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN07291.D**	Sample Name	**MB-031104-02**
Operator	**B.Patel**	Misc Info	**MB-031104-02**
Date Acquired	**15-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **MB-031104-02**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40155 Location: M8 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: MB-031104-02

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN07291.D

Level: (low/med) LOW Date Received: 3/5/2004

% Moisture: decanted: (Y/N) N Date Extracted: 3/11/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/15/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	16.64	23	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN07324.D**	Sample Name	**MB-031604-02**
Operator	**B.Patel**	Misc Info	**MB-031604-02**
Date Acquired	**17-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN07324.D**	Sample Name	**MB-031604-02**
Operator	**B.Patel**	Misc Info	**MB-031604-02**
Date Acquired	**17-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **MB-031604-02**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40157 Location: M8 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: MB-031604-02

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN07324.D

Level: (low/med) LOW Date Received: 3/9/2004

% Moisture: decanted: (Y/N) N Date Extracted: 3/16/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/17/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000000-00-0	Butyl hexadecanoate	25.66	4	JN
2. 000112-85-6	Docosanoic acid	27.38	4	JN
3. 000791-28-6	Phosphine oxide, triphenyl-	28.97	6	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN07297.D**	Sample Name	**4015502**
Operator	**B.Patel**	Misc Info	**Field Blank**
Date Acquired	**15-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN07297.D**	Sample Name	**4015502**
Operator	**B.Patel**	Misc Info	**Field Blank**
Date Acquired	**15-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40155 Location: M8 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 4015502

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN07297.D

Level: (low/med) LOW Date Received: 3/5/2004

% Moisture: decanted: (Y/N) N Date Extracted: 3/11/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/15/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	16.64	23	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN07327.D**	Sample Name	**4015702**
Operator	**B.Patel**	Misc Info	**Field Blank**
Date Acquired	**17-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN07327.D**	Sample Name	**4015702**
Operator	**B.Patel**	Misc Info	**Field Blank**
Date Acquired	**17-Mar-04**	Sample Multiplie:	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40157 Location: M8 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 4015702

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN07327.D

Level: (low/med) LOW Date Received: 3/9/2004

% Moisture: decanted: (Y/N) N Date Extracted: 3/16/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/17/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	16.63	23	J
2. 000791-28-6	Phosphine oxide, triphenyl-	28.98	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN07298.D**	Sample Name	**4015503**
Operator	**B.Patel**	Misc Info	**Dupe**
Date Acquired	**16-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN07298.D**	Sample Name	**4015503**
Operator	**B.Patel**	Misc Info	**Dupe**
Date Acquired	**16-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **Dupe**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40155 Location: M8 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 4015503

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN07298.D

Level: (low/med) LOW Date Received: 3/5/2004

% Moisture: decanted: (Y/N) N Date Extracted: 3/11/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/16/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	5.73	7	J
2.	unknown	16.64	21	J
3. 000134-62-3	Diethyltoluamide	19.58	10	JN
4. 000000-00-0	Butyl hexadecanoate	25.67	4	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN07328.D**	Sample Name	**4015703**
Operator	**B.Patel**	Misc Info	**Dupe**
Date Acquired	**17-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN07328.D**	Sample Name	**4015703**
Operator	**B.Patel**	Misc Info	**Dupe**
Date Acquired	**17-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **Dupe**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40157 Location: M8 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 4015703

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN07328.D

Level: (low/med) LOW Date Received: 3/9/2004

% Moisture: decanted: (Y/N) N Date Extracted: 3/16/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/17/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	16.62	5	J
2. 005717-37-3	(Carbethoxyethylidine)triphenylph	28.97	6	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN07329.D**	Sample Name	**4015704**
Operator	**B.Patel**	Misc Info	**M8MW12**
Date Acquired	**17-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN07329.D**	Sample Name	**4015704**
Operator	**B.Patel**	Misc Info	**M8MW12**
Date Acquired	**17-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M8MW12**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40157 Location: M8 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 4015704

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN07329.D

Level: (low/med) LOW Date Received: 3/9/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 3/16/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/17/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 005717-37-3	(Carbethoxyethylidine)triphenylph	28.97	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN07304.D**	Sample Name	**4015509**
Operator	**B.Patel**	Misc Info	**M8MW13**
Date Acquired	**16-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN07304.D**	Sample Name	**4015509**
Operator	**B.Patel**	Misc Info	**M8MW13**
Date Acquired	**16-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M8MW13**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40155 Location: M8 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 4015509

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN07304.D

Level: (low/med) LOW Date Received: 3/5/2004

% Moisture: decanted: (Y/N) N Date Extracted: 3/11/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/16/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	16.63	8	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN07305.D**	Sample Name	**4015510**
Operator	**B.Patel**	Misc Info	**M8MW14**
Date Acquired	**16-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN07305.D**	Sample Name	**4015510**
Operator	**B.Patel**	Misc Info	**M8MW14**
Date Acquired	**16-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M8MW14**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40155 Location: M8 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 4015510

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN07305.D

Level: (low/med) LOW Date Received: 3/5/2004

% Moisture: decanted: (Y/N) N Date Extracted: 3/11/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/16/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 3

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	16.63	8	J
2. 000134-62-3	Diethyltoluamide	19.58	11	JN
3.	unknown	25.66	4	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN07330.D**	Sample Name	**4015705**
Operator	**B.Patel**	Misc Info	**M8MW15**
Date Acquired	**17-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN07330.D**	Sample Name	**4015705**
Operator	**B.Patel**	Misc Info	**M8MW15**
Date Acquired	**17-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M8MW15**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40157 Location: M8 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 4015705

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN07330.D

Level: (low/med) LOW Date Received: 3/9/2004

% Moisture: decanted: (Y/N) N Date Extracted: 3/16/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/17/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	16.62	6	J
2. 005717-37-3	(Carbethoxyethylidine)triphenylph	28.98	6	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN07331.D**	Sample Name	**4015706**
Operator	**B.Patel**	Misc Info	**M8MW16**
Date Acquired	**17-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN07331.D**	Sample Name	**4015706**
Operator	**B.Patel**	Misc Info	**M8MW16**
Date Acquired	**17-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M8MW16**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40157 Location: M8 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 4015706

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN07331.D

Level: (low/med) LOW Date Received: 3/9/2004

% Moisture: decanted: (Y/N) N Date Extracted: 3/16/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/17/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	25.65	5	J
2. 000123-95-5	Octadecanoic acid, butyl ester	27.38	6	JN
3. 000791-28-6	Phosphine oxide, triphenyl-	28.98	6	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN07332.D**	Sample Name	**4015707**
Operator	**B.Patel**	Misc Info	**M8MW17**
Date Acquired	**17-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN07332.D**	Sample Name	**4015707**
Operator	**B.Patel**	Misc Info	**M8MW17**
Date Acquired	**17-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M8MW17**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40157 Location: M8 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 4015707

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN07332.D

Level: (low/med) LOW Date Received: 3/9/2004

% Moisture: decanted: (Y/N) N Date Extracted: 3/16/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/17/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	28.98	6	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN07303.D**	Sample Name	**4015508**
Operator	**B.Patel**	Misc Info	**M8MW18**
Date Acquired	**16-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene	11.42	62090	1.98 ug/L	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN07303.D**	Sample Name	**4015508**
Operator	**B.Patel**	Misc Info	**M8MW18**
Date Acquired	**16-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M8MW18**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40155 Location: M8 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 4015508

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN07303.D

Level: (low/med) LOW Date Received: 3/5/2004

% Moisture: decanted: (Y/N) N Date Extracted: 3/11/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/16/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 8

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	16.64	8	J
2.	unknown	19.59	5	J
3. 000119-39-1	Phthalazin-1-one	19.81	21	JN
4. 000126-73-8	Phosphoric acid tributyl ester	20.21	7	JN
5.	unknown	20.62	12	J
6. 000934-34-9	2(3H)-Benzothiazolone	20.87	7	JN
7.	unknown	21.30	5	J
8. 000000-00-0	Butyl hexadecanoate	25.66	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN07302.D**	Sample Name	**4015507**
Operator	**B.Patel**	Misc Info	**M8MW19**
Date Acquired	**16-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN07302.D**	Sample Name	**4015507**
Operator	**B.Patel**	Misc Info	**M8MW19**
Date Acquired	**16-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	28.70	194854	4.35 ug/L	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M8MW19**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40155 Location: M8 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 4015507

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN07302.D

Level: (low/med) LOW Date Received: 3/5/2004

% Moisture: decanted: (Y/N) N Date Extracted: 3/11/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/16/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	16.64	12	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN07301.D**	Sample Name	**4015506**
Operator	**B.Patel**	Misc Info	**M8MW20**
Date Acquired	**16-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN07301.D**	Sample Name	**4015506**
Operator	**B.Patel**	Misc Info	**M8MW20**
Date Acquired	**16-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M8MW20**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40155 Location: M8 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 4015506

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN07301.D

Level: (low/med) LOW Date Received: 3/5/2004

% Moisture: decanted: (Y/N) N Date Extracted: 3/11/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/16/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 12

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	5.72	15	J
2.	unknown	7.81	7	J
3. 002847-72-5	Decane, 4-methyl-	11.16	4	JN
4.	unknown	11.92	7	J
5. 001470-94-6	1H-Inden-5-ol, 2,3-dihydro-	14.80	6	JN
6. 001014-60-4	Benzene, 1,3-bis(1,1-dimethyleth	15.13	6	JN
7.	unknown	15.89	5	J
8.	unknown	16.64	15	J
9. 000057-10-3	Hexadecanoic acid	23.55	19	JN
10. 000057-11-4	Octadecanoic acid	25.46	20	JN
11.	unknown	29.68	8	J
12.	unknown	29.79	4	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN07300.D**	Sample Name	**4015505**
Operator	**B.Patel**	Misc Info	**M8MW21**
Date Acquired	**16-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN07300.D**	Sample Name	**4015505**
Operator	**B.Patel**	Misc Info	**M8MW21**
Date Acquired	**16-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M8MW21**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40155 Location: M8 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 4015505

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN07300.D

Level: (low/med) LOW Date Received: 3/5/2004

% Moisture: decanted: (Y/N) N Date Extracted: 3/11/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/16/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	16.64	16	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN07299.D**	Sample Name	**4015504**
Operator	**B.Patel**	Misc Info	**M8MW22**
Date Acquired	**16-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN07299.D**	Sample Name	**4015504**
Operator	**B.Patel**	Misc Info	**M8MW22**
Date Acquired	**16-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate	19.70	58256	1.29 ug/L	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M8MW22**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40155 Location: M8 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 4015504

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN07299.D

Level: (low/med) LOW Date Received: 3/5/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 3/11/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/16/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	5.73	7	J
2.	unknown	16.64	20	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN07333.D**	Sample Name	**4015708**
Operator	**B.Patel**	Misc Info	**M8MW23**
Date Acquired	**17-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN07333.D**	Sample Name	**4015708**
Operator	**B.Patel**	Misc Info	**M8MW23**
Date Acquired	**17-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	28.68	71356	1.74 ug/L	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **M8MW23**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40157 Location: M8 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 4015708

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN07333.D

Level: (low/med) LOW Date Received: 3/9/2004

% Moisture: decanted: (Y/N) N Date Extracted: 3/16/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/17/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 005717-37-3	(Carbethoxyethylidine)triphenylph	28.98	6	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA09506.D**	Sample Name	**4014201**
Operator	**BPatel**	Misc Info	**M8MW24**
Date Acquired	**1-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA09506.D**	Sample Name	**4014201**
Operator	**BPatel**	Misc Info	**M8MW24**
Date Acquired	**1-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range

D= Value from dilution

B= Compound in Related Blank

MDL= Method Detection Limit

NLE= No Limit Established

R.T.=Retention Time

RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **M8MW24**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40142 Location: M8 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4014201

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA09506.D

Level: (low/med) LOW Date Received: 2/25/2004

% Moisture: decanted: (Y/N) N Date Extracted: 2/27/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/1/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 3

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000541-05-9	Cyclotrisiloxane, hexamethyl-	6.51	5	JN
2. 000119-39-1	Phthalazin-1-one	19.01	8	JN
3.	unknown	25.01	4	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN07334.D**	Sample Name	**4015709**
Operator	**B.Patel**	Misc Info	**697MW01**
Date Acquired	**17-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
110-86-1	Pyridine			not detected	NLE	0.69	10.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.52	10.00	ug/L	
62-53-3	Aniline			not detected	NLE	1.66	10.00	ug/L	
108-95-2	Phenol			not detected	4000	0.59	10.00	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.55	10.00	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.52	10.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.94	10.00	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.81	10.00	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.97	10.00	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.83	10.00	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.45	10.00	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	0.70	10.00	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	1.61	10.00	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.70	10.00	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.83	10.00	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.64	10.00	ug/L	
78-59-1	Isophorone			not detected	100	0.57	10.00	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.16	10.00	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	1.52	10.00	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.77	10.00	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.63	10.00	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.72	10.00	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.84	10.00	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.67	10.00	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.67	10.00	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.85	10.00	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.38	10.00	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.74	10.00	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	0.66	10.00	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.28	10.00	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.53	10.00	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.66	10.00	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.49	10.00	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.63	10.00	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.62	10.00	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.35	10.00	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.89	10.00	ug/L	
83-32-9	Acenaphthene			not detected	400	0.54	10.00	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.88	10.00	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.62	10.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.88	10.00	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN07334.D**	Sample Name	**4015709**
Operator	**B.Patel**	Misc Info	**697MW01**
Date Acquired	**17-Mar-04**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL		Qualifier
121-14-2	2,4-Dinitrotoluene			not detected	10	0.58	10.00	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.60	10.00	ug/L	
86-73-7	Fluorene			not detected	300	0.54	10.00	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.60	10.00	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.77	10.00	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.02	10.00	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.59	10.00	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.52	10.00	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.57	10.00	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.60	10.00	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.95	10.00	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.56	10.00	ug/L	
120-12-7	Anthracene			not detected	2000	1.24	10.00	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.51	10.00	ug/L	
206-44-0	Fluoranthene			not detected	300	1.21	10.00	ug/L	
92-87-5	Benzidine			not detected	50	2.22	10.00	ug/L	
129-00-0	Pyrene			not detected	200	0.55	10.00	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.61	10.00	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.54	10.00	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.06	10.00	ug/L	
218-01-9	Chrysene			not detected	20	0.57	10.00	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.63	10.00	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.48	10.00	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.67	10.00	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.11	10.00	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.97	10.00	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.16	10.00	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	1.26	10.00	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.24	10.00	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time
RL= Reporting Limit. The values between the MDL and RL are considered estimated.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **697MW01**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 40157 Location: M8 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 4015709

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN07334.D

Level: (low/med) LOW Date Received: 3/9/2004

% Moisture: decanted: (Y/N) N Date Extracted: 3/16/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/17/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 4

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	16.62	5	J
2.	unknown	25.65	6	J
3. 000123-95-5	Octadecanoic acid, butyl ester	27.37	6	JN
4. 005717-37-3	(Carbethoxyethylidine)triphenylph	28.96	5	JN

U.S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

TABULATED ANALYTICAL REPORT
SW 846 608
Pesticides/PCB

mb 030104-02

Matrix: Aqueous
Date Extracted: 3/1/2004
Ext. Batch: 030104
Filename: 02588.D
Date Analysed: 3/2/2004

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.0011
319-85-7	beta-BHC	ND	0.0050
58-89-9	gamma-BHC	ND	0.0013
319-86-8	delta-BHC	ND	0.0016
76-44-8	Heptachlor	ND	0.0035
309-00-2	Aldrin	ND	0.0026
1024-57-3	Heptachlor epoxide	ND	0.0020
5103-74-2	gamma-Chlordane	ND	0.0007
5103-71-9	alpha-Chlordane	ND	0.0036
959-98-8	Endosulfan I	ND	0.0016
72-55-9	4,4'-DDE	ND	0.0021
60-57-1	Dieldrin	ND	0.0020
72-20-8	Endrin	ND	0.0032
33213-65-9	Endosulfan II	ND	0.0022
72-54-8	4,4'-DDD	ND	0.0020
7421-93-4	Endrin aldehyde	ND	0.0100
50-29-3	4,4'-DDT	ND	0.0052
1031-07-8	Endosulfan sulfate	ND	0.0026
53494-70-5	Endrin ketone	ND	0.0026
72-43-5	Methoxychlor	ND	0.0100
8001-35-2	Toxaphene	ND	0.0157
12674-11-2	Arochlor 1016	ND	0.0683
11104-28-2	Arochlor 1221	ND	0.0666
11141-16-5	Arochlor 1232	ND	0.0648
53469-21-9	Arochlor 1242	ND	0.0485
12672-29-6	Arochlor 1248	ND	0.0544
11097-69-1	Arochlor 1254	ND	0.0608
11096-82-5	Arochlor 1260	ND	0.0732

MDL = METHOD DETECTION LIMIT
ND =NOT DETECTED, BELOW MDL

Initial vol. (ml): 1000
Final vol. (ml): 10

U.S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

TABULATED ANALYTICAL REPORT
SW 846 608
Pesticides/PCB

mb 030804-02

Matrix: Aqueous
Date Extracted: 3/8/2004
Ext. Batch: 030804
Filename: 02744.D
Date Analysed: 3/10/2004

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.0011
319-85-7	beta-BHC	ND	0.0050
58-89-9	gamma-BHC	ND	0.0013
319-86-8	delta-BHC	ND	0.0016
76-44-8	Heptachlor	ND	0.0035
309-00-2	Aldrin	ND	0.0026
1024-57-3	Heptachlor epoxide	ND	0.0020
5103-74-2	gamma-Chlordane	ND	0.0007
5103-71-9	alpha-Chlordane	ND	0.0036
959-98-8	Endosulfan I	ND	0.0016
72-55-9	4,4'-DDE	ND	0.0021
60-57-1	Dieldrin	ND	0.0020
72-20-8	Endrin	ND	0.0032
33213-65-9	Endosulfan II	ND	0.0022
72-54-8	4,4'-DDD	ND	0.0020
7421-93-4	Endrin aldehyde	ND	0.0100
50-29-3	4,4'-DDT	ND	0.0052
1031-07-8	Endosulfan sulfate	ND	0.0026
53494-70-5	Endrin ketone	ND	0.0026
72-43-5	Methoxychlor	ND	0.0100
8001-35-2	Toxaphene	ND	0.0157
12674-11-2	Arochlor 1016	ND	0.0683
11104-28-2	Arochlor 1221	ND	0.0666
11141-16-5	Arochlor 1232	ND	0.0648
53469-21-9	Arochlor 1242	ND	0.0485
12672-29-6	Arochlor 1248	ND	0.0544
11097-69-1	Arochlor 1254	ND	0.0608
11096-82-5	Arochlor 1260	ND	0.0732

MDL = METHOD DETECTION LIMIT
ND =NOT DETECTED, BELOW MDL

Initial vol. (ml): 1000
Final vol. (ml): 10

U.S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

TABULATED ANALYTICAL REPORT
SW 846 608
Pesticides/PCB

mb 031204-02

Matrix: Aqueous
Date Extracted: 3/12/2004
Ext. Batch: 031204
Filename: 02761.D
Date Analysed: 3/12/2004

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.0011
319-85-7	beta-BHC	ND	0.0050
58-89-9	gamma-BHC	ND	0.0013
319-86-8	delta-BHC	ND	0.0016
76-44-8	Heptachlor	ND	0.0035
309-00-2	Aldrin	ND	0.0026
1024-57-3	Heptachlor epoxide	ND	0.0020
5103-74-2	gamma-Chlordane	ND	0.0007
5103-71-9	alpha-Chlordane	ND	0.0036
959-98-8	Endosulfan I	ND	0.0016
72-55-9	4,4'-DDE	ND	0.0021
60-57-1	Dieldrin	ND	0.0020
72-20-8	Endrin	ND	0.0032
33213-65-9	Endosulfan II	ND	0.0022
72-54-8	4,4'-DDD	ND	0.0020
7421-93-4	Endrin aldehyde	ND	0.0100
50-29-3	4,4'-DDT	ND	0.0052
1031-07-8	Endosulfan sulfate	ND	0.0026
53494-70-5	Endrin ketone	ND	0.0026
72-43-5	Methoxychlor	ND	0.0100
8001-35-2	Toxaphene	ND	0.0157
12674-11-2	Arochlor 1016	ND	0.0683
11104-28-2	Arochlor 1221	ND	0.0666
11141-16-5	Arochlor 1232	ND	0.0648
53469-21-9	Arochlor 1242	ND	0.0485
12672-29-6	Arochlor 1248	ND	0.0544
11097-69-1	Arochlor 1254	ND	0.0608
11096-82-5	Arochlor 1260	ND	0.0732

MDL = METHOD DETECTION LIMIT
ND =NOT DETECTED, BELOW MDL

Initial vol. (ml): 1000
Final vol. (ml): 10

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells, 1st Qrtr. '04
Field ID: FIELDBLANK
Lab ID: 4015502
Filename: 02746.D
Lab Project : 40155

Location: M8 Wells, 1st Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 030804
Date Extracted: 3/8/2004
Date Analyzed: 10-Mar-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells, 1st Qrtr. '04
Field ID: FIELDBLANK
Lab ID: 4015702
Filename: 02764.D
Lab Project : 40157

Location: M8 Wells, 1st Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 031204
Date Extracted: 3/12/2004
Date Analyzed: 12-Mar-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells, 1st Qrtr. '04
Field ID: Dupe
Lab ID: 4015503
Filename: 02747.D
Lab Project : 40155

Location: M8 Wells, 1st Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 030804
Date Extracted: 3/8/2004
Date Analyzed: 10-Mar-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells, 1st Qrtr. '04
Field ID: Dupe
Lab ID: 4015703
Filename: 02765.D
Lab Project : 40157

Location: M8 Wells, 1st Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 031204
Date Extracted: 3/12/2004
Date Analyzed: 12-Mar-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells, 1st Qrtr. '04
Field ID: M8MW12
Lab ID: 4015704
Filename: 02766.D
Lab Project : 40157

Location: M8 Wells, 1st Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 031204
Date Extracted: 3/12/2004
Date Analyzed: 12-Mar-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells, 1st Qrtr. '04
Field ID: M8MW13
Lab ID: 4015509
Filename: 02753.D
Lab Project : 40155

Location: M8 Wells, 1st Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 030804
Date Extracted: 3/8/2004
Date Analyzed: 10-Mar-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells, 1st Qrtr. '04
Field ID: M8MW14
Lab ID: 4015510
Filename: 02754.D
Lab Project : 40155

Location: M8 Wells, 1st Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 030804
Date Extracted: 3/8/2004
Date Analyzed: 10-Mar-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells, 1st Qrtr. '04
Field ID: M8MW15
Lab ID: 4015705
Filename: 02767.D
Lab Project : 40157

Location: M8 Wells, 1st Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 031204
Date Extracted: 3/12/2004
Date Analyzed: 12-Mar-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells, 1st Qrtr. '04
Field ID: M8MW16
Lab ID: 4015706
Filename: 02768.D
Lab Project : 40157

Location: M8 Wells, 1st Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 031204
Date Extracted: 3/12/2004
Date Analyzed: 12-Mar-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells, 1st Qrtr. '04
Field ID: M8MW17
Lab ID: 4015707
Filename: 02769.D
Lab Project : 40157

Location: M8 Wells, 1st Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 031204
Date Extracted: 3/12/2004
Date Analyzed: 12-Mar-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells, 1st Qrtr. '04
Field ID: M8MW18
Lab ID: 4015508
Filename: 02752.D
Lab Project : 40155

Location: M8 Wells, 1st Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 030804
Date Extracted: 3/8/2004
Date Analyzed: 10-Mar-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	0.048	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells, 1st Qrtr. '04
Field ID: M8MW19
Lab ID: 4015507
Filename: 02751.D
Lab Project : 40155

Location: M8 Wells, 1st Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 030804
Date Extracted: 3/8/2004
Date Analyzed: 10-Mar-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells, 1st Qrtr. '04
Field ID: M8MW20
Lab ID: 4015506
Filename: 02750.D
Lab Project : 40155

Location: M8 Wells, 1st Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 030804
Date Extracted: 3/8/2004
Date Analyzed: 10-Mar-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells, 1st Qrtr. '04
Field ID: M8MW21
Lab ID: 4015505
Filename: 02749.D
Lab Project : 40155

Location: M8 Wells, 1st Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 030804
Date Extracted: 3/8/2004
Date Analyzed: 10-Mar-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells, 1st Qrtr. '04
Field ID: M8MW22
Lab ID: 4015504
Filename: 02748.D
Lab Project : 40155

Location: M8 Wells, 1st Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 030804
Date Extracted: 3/8/2004
Date Analyzed: 10-Mar-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells, 1st Qrtr. '04
Field ID: M8MW23
Lab ID: 4015708
Filename: 02770.D
Lab Project : 40157

Location: M8 Wells, 1st Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 031204
Date Extracted: 3/12/2004
Date Analyzed: 12-Mar-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells, 1st Qrtr. '04
Field ID: M8MW24
Lab ID: 4014201
Filename: 02594.D
Lab Project : 40142

Location: M8 Wells, 1st Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 030104
Date Extracted: 3/1/2004
Date Analyzed: 02-Mar-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: M8 Wells, 1st Qrtr. '04
Field ID: 0697W01
Lab ID: 4015709
Filename: 02771.D
Lab Project : 40157

Location: M8 Wells, 1st Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 031204
Date Extracted: 3/12/2004
Date Analyzed: 12-Mar-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 40142
Sample Received: NA
Sample Matrix: Aqueous

Site: M8
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	03/03/04	ND	200	100
Antimony	03/03/04	ND	20	20.0
Arsenic	03/03/04	ND	8	5.00
Barium	03/03/04	ND	2000	5.00
Beryllium	03/03/04	ND	20	0.50
Cadmium	03/03/04	ND	4	2.00
Calcium	03/03/04	ND	NLE	1000
Chromium	03/03/04	ND	100	5.00
Cobalt	03/03/04	ND	NLE	2.00
Copper	03/03/04	ND	1000	5.00
Iron	03/03/04	ND	300	500
Lead	03/03/04	ND	10	5.00
Magnesium	03/03/04	ND	NLE	1000
Manganese	03/03/04	ND	50	5.00
Mercury	03/05/04	ND	2	0.50
Nickel	03/03/04	ND	100	5.00
Potassium	03/03/04	ND	NLE	1000
Selenium	03/03/04	ND	50	20.0
Silver	03/03/04	ND	20	5.00
Sodium	03/03/04	ND	50000	5000
Thallium	03/03/04	ND	10	10.0
Vanadium	03/03/04	ND	NLE	5.00
Zinc	03/03/04	ND	5000	50.0

ND = Not Detected, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L.= Reporting limit. E = Estimated result. Over high standard

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 40155
Sample Prepared:

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: Method Blank

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	03/22/04	ND	200	100
Antimony	03/22/04	ND	20	20.00
Arsenic	03/22/04	ND	8	5.00
Barium	03/22/04	ND	2000	5.00
Beryllium	03/22/04	ND	20	0.500
Cadmium	03/22/04	ND	4	2.00
Calcium	03/22/04	ND	NLE	1000
Chromium	03/22/04	ND	100	5.00
Cobalt	03/22/04	ND	NLE	2.00
Copper	03/22/04	ND	1000	5.00
Iron	03/22/04	ND	300	500
Lead	03/22/04	ND	10	5.00
Magnesium	03/22/04	ND	NLE	1000
Manganese	03/22/04	ND	50	5.00
Mercury	03/24/04	ND	2	0.500
Nickel	03/22/04	ND	100	5.00
Potassium	03/22/04	ND	NLE	1000
Selenium	03/22/04	ND	50	20.00
Silver	03/22/04	ND	20	5.00
Sodium	03/22/04	ND	50000	5000
Thallium	03/22/04	ND	10	10.00
Vanadium	03/22/04	ND	NLE	5.00
Zinc	03/22/04	ND	5000	50.00

ND = Not Detected, R.L= Reporting limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 40157
Sample Prepared:

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: Method Blank

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	03/22/04	ND	200	100
Antimony	03/22/04	ND	20	20.00
Arsenic	03/22/04	ND	8	5.00
Barium	03/22/04	ND	2000	5.00
Beryllium	03/22/04	ND	20	0.500
Cadmium	03/22/04	ND	4	2.00
Calcium	03/22/04	ND	NLE	1000
Chromium	03/22/04	ND	100	5.00
Cobalt	03/22/04	ND	NLE	2.00
Copper	03/22/04	ND	1000	5.00
Iron	03/22/04	ND	300	500
Lead	03/22/04	ND	10	5.00
Magnesium	03/22/04	ND	NLE	1000
Manganese	03/22/04	ND	50	5.00
Mercury	03/24/04	ND	2	0.500
Nickel	03/22/04	ND	100	5.00
Potassium	03/22/04	ND	NLE	1000
Selenium	03/22/04	ND	50	20.00
Silver	03/22/04	ND	20	5.00
Sodium	03/22/04	ND	50000	5000
Thallium	03/22/04	ND	10	10.00
Vanadium	03/22/04	ND	NLE	5.00
Zinc	03/22/04	ND	5000	50.00

ND = Not Detected, R.L= Reporting limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4015502
Sample Received: 03/05/04
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: Field Blank

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	03/22/04	ND	200	100
Antimony	03/22/04	ND	20	20.00
Arsenic	03/22/04	ND	8	5.00
Barium	03/22/04	ND	2000	5.00
Beryllium	03/22/04	ND	20	0.500
Cadmium	03/22/04	ND	4	2.00
Calcium	03/22/04	ND	NLE	1000
Chromium	03/22/04	ND	100	5.00
Cobalt	03/22/04	ND	NLE	2.00
Copper	03/22/04	ND	1000	5.00
Iron	03/22/04	ND	300	500
Lead	03/22/04	ND	10	5.00
Magnesium	03/22/04	ND	NLE	1000
Manganese	03/22/04	ND	50	5.00
Mercury	03/24/04	ND	2	0.500
Nickel	03/22/04	ND	100	5.00
Potassium	03/22/04	ND	NLE	1000
Selenium	03/22/04	ND	50	20.00
Silver	03/22/04	ND	20	5.00
Sodium	03/22/04	ND	50000	5000
Thallium	03/22/04	ND	10	10.00
Vanadium	03/22/04	ND	NLE	5.00
Zinc	03/22/04	ND	5000	50.00

ND = Not Detected, R.L= Reporting limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
E= Estimated Results, over high standard.

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4015702
Sample Received: 03/09/04
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: Field Blank

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	03/22/04	ND	200	100
Antimony	03/22/04	ND	20	20.00
Arsenic	03/22/04	ND	8	5.00
Barium	03/22/04	ND	2000	5.00
Beryllium	03/22/04	ND	20	0.500
Cadmium	03/22/04	ND	4	2.00
Calcium	03/22/04	ND	NLE	1000
Chromium	03/22/04	ND	100	5.00
Cobalt	03/22/04	ND	NLE	2.00
Copper	03/22/04	ND	1000	5.00
Iron	03/22/04	ND	300	500
Lead	03/22/04	ND	10	5.00
Magnesium	03/22/04	ND	NLE	1000
Manganese	03/22/04	ND	50	5.00
Mercury	03/24/04	ND	2	0.500
Nickel	03/22/04	ND	100	5.00
Potassium	03/22/04	1050	NLE	1000
Selenium	03/22/04	ND	50	20.00
Silver	03/22/04	ND	20	5.00
Sodium	03/22/04	1370	50000	5000
Thallium	03/22/04	ND	10	10.00
Vanadium	03/22/04	ND	NLE	5.00
Zinc	03/22/04	ND	5000	50.00

ND = Not Detected, R.L= Reporting limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
E= Estimated Results, over high standard.

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4015503
Sample Received: 03/05/04
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: Dupe

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	03/22/04	ND	200	100
Antimony	03/22/04	ND	20	20.00
Arsenic	03/22/04	ND	8	5.00
Barium	03/22/04	154	2000	5.00
Beryllium	03/22/04	ND	20	0.500
Cadmium	03/22/04	ND	4	2.00
Calcium	03/22/04	139000	NLE	1000
Chromium	03/22/04	ND	100	5.00
Cobalt	03/22/04	ND	NLE	2.00
Copper	03/22/04	ND	1000	5.00
Iron	03/22/04	36700	300	500
Lead	03/22/04	ND	10	5.00
Magnesium	03/22/04	12200	NLE	1000
Manganese	03/22/04	80.6	50	5.00
Mercury	03/24/04	ND	2	0.500
Nickel	03/22/04	10.8	100	5.00
Potassium	03/22/04	8270	NLE	1000
Selenium	03/22/04	ND	50	20.00
Silver	03/22/04	ND	20	5.00
Sodium	03/22/04	13300	50000	5000
Thallium	03/22/04	ND	10	10.00
Vanadium	03/22/04	10.2	NLE	5.00
Zinc	03/22/04	983	5000	50.00

ND = Not Detected, R.L= Reporting limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4015703
Sample Received: 03/09/04
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: Dupe

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	03/22/04	1010	200	100
Antimony	03/22/04	ND	20	20.00
Arsenic	03/22/04	ND	8	5.00
Barium	03/22/04	6.94	2000	5.00
Beryllium	03/22/04	ND	20	0.500
Cadmium	03/22/04	ND	4	2.00
Calcium	03/22/04	16300	NLE	1000
Chromium	03/22/04	10.7	100	5.00
Cobalt	03/22/04	ND	NLE	2.00
Copper	03/22/04	ND	1000	5.00
Iron	03/22/04	18700	300	500
Lead	03/22/04	ND	10	5.00
Magnesium	03/22/04	5420	NLE	1000
Manganese	03/22/04	53.7	50	5.00
Mercury	03/24/04	ND	2	0.500
Nickel	03/22/04	ND	100	5.00
Potassium	03/22/04	4330	NLE	1000
Selenium	03/22/04	ND	50	20.00
Silver	03/22/04	ND	20	5.00
Sodium	03/22/04	92000	50000	5000
Thallium	03/22/04	ND	10	10.00
Vanadium	03/22/04	6.72	NLE	5.00
Zinc	03/22/04	ND	5000	50.00

ND = Not Detected, R.L= Reporting limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4015704
Sample Received: 03/09/04
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW12

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	03/22/04	1470	200	100
Antimony	03/22/04	ND	20	20.00
Arsenic	03/22/04	ND	8	5.00
Barium	03/22/04	8.26	2000	5.00
Beryllium	03/22/04	ND	20	0.500
Cadmium	03/22/04	ND	4	2.00
Calcium	03/22/04	15500	NLE	1000
Chromium	03/22/04	15.0	100	5.00
Cobalt	03/22/04	ND	NLE	2.00
Copper	03/22/04	ND	1000	5.00
Iron	03/22/04	19300	300	500
Lead	03/22/04	ND	10	5.00
Magnesium	03/22/04	5130	NLE	1000
Manganese	03/22/04	52.3	50	5.00
Mercury	03/24/04	ND	2	0.500
Nickel	03/22/04	ND	100	5.00
Potassium	03/22/04	4880	NLE	1000
Selenium	03/22/04	ND	50	20.00
Silver	03/22/04	ND	20	5.00
Sodium	03/22/04	88500	50000	5000
Thallium	03/22/04	ND	10	10.00
Vanadium	03/22/04	8.75	NLE	5.00
Zinc	03/22/04	ND	5000	50.00

ND = Not Detected, R.L= Reporting limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4015509
Sample Received: 03/05/04
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW13

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	03/22/04	958	200	100
Antimony	03/22/04	ND	20	20.00
Arsenic	03/22/04	ND	8	5.00
Barium	03/22/04	73.2	2000	5.00
Beryllium	03/22/04	ND	20	0.500
Cadmium	03/22/04	ND	4	2.00
Calcium	03/22/04	208000E	NLE	1000
Chromium	03/22/04	7.25	100	5.00
Cobalt	03/22/04	ND	NLE	2.00
Copper	03/22/04	26.4	1000	5.00
Iron	03/22/04	19400	300	500
Lead	03/22/04	9.69	10	5.00
Magnesium	03/22/04	39600	NLE	1000
Manganese	03/22/04	256	50	5.00
Mercury	03/24/04	ND	2	0.500
Nickel	03/22/04	8.00	100	5.00
Potassium	03/22/04	17000	NLE	1000
Selenium	03/22/04	ND	50	20.00
Silver	03/22/04	ND	20	5.00
Sodium	03/22/04	153000E	50000	5000
Thallium	03/22/04	ND	10	10.00
Vanadium	03/22/04	5.02	NLE	5.00
Zinc	03/22/04	668	5000	50.00

ND = Not Detected, R.L= Reporting limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4015510
Sample Received: 03/05/04
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW14

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	03/22/04	ND	200	100
Antimony	03/22/04	ND	20	20.00
Arsenic	03/22/04	ND	8	5.00
Barium	03/22/04	143	2000	5.00
Beryllium	03/22/04	ND	20	0.500
Cadmium	03/22/04	ND	4	2.00
Calcium	03/22/04	137000	NLE	1000
Chromium	03/22/04	ND	100	5.00
Cobalt	03/22/04	ND	NLE	2.00
Copper	03/22/04	ND	1000	5.00
Iron	03/22/04	29200	300	500
Lead	03/22/04	ND	10	5.00
Magnesium	03/22/04	12100	NLE	1000
Manganese	03/22/04	74.8	50	5.00
Mercury	03/24/04	ND	2	0.500
Nickel	03/22/04	10.2	100	5.00
Potassium	03/22/04	10000	NLE	1000
Selenium	03/22/04	ND	50	20.00
Silver	03/22/04	ND	20	5.00
Sodium	03/22/04	13700	50000	5000
Thallium	03/22/04	ND	10	10.00
Vanadium	03/22/04	8.47	NLE	5.00
Zinc	03/22/04	918	5000	50.00

ND = Not Detected, R.L= Reporting limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4015705
Sample Received: 03/09/04
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW15

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	03/22/04	140	200	100
Antimony	03/22/04	ND	20	20.00
Arsenic	03/22/04	ND	8	5.00
Barium	03/22/04	58.5	2000	5.00
Beryllium	03/22/04	ND	20	0.500
Cadmium	03/22/04	ND	4	2.00
Calcium	03/22/04	82100	NLE	1000
Chromium	03/22/04	ND	100	5.00
Cobalt	03/22/04	ND	NLE	2.00
Copper	03/22/04	11.0	1000	5.00
Iron	03/22/04	11800	300	500
Lead	03/22/04	ND	10	5.00
Magnesium	03/22/04	18400	NLE	1000
Manganese	03/22/04	96.8	50	5.00
Mercury	03/24/04	ND	2	0.500
Nickel	03/22/04	9.32	100	5.00
Potassium	03/22/04	7110	NLE	1000
Selenium	03/22/04	ND	50	20.00
Silver	03/22/04	ND	20	5.00
Sodium	03/22/04	61200	50000	5000
Thallium	03/22/04	ND	10	10.00
Vanadium	03/22/04	ND	NLE	5.00
Zinc	03/22/04	62.1	5000	50.00

ND = Not Detected, R.L= Reporting limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4015706
Sample Received: 03/09/04
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW16

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	03/22/04	2830	200	100
Antimony	03/22/04	ND	20	20.00
Arsenic	03/22/04	ND	8	5.00
Barium	03/22/04	98.8	2000	5.00
Beryllium	03/22/04	0.818	20	0.500
Cadmium	03/22/04	9.06	4	2.00
Calcium	03/22/04	162000	NLE	1000
Chromium	03/22/04	10.9	100	5.00
Cobalt	03/22/04	ND	NLE	2.00
Copper	03/22/04	39.8	1000	5.00
Iron	03/22/04	51900	300	500
Lead	03/22/04	13.6	10	5.00
Magnesium	03/22/04	57800	NLE	1000
Manganese	03/22/04	617	50	5.00
Mercury	03/24/04	0.55	2	0.500
Nickel	03/22/04	13.9	100	5.00
Potassium	03/22/04	24900	NLE	1000
Selenium	03/22/04	ND	50	20.00
Silver	03/22/04	ND	20	5.00
Sodium	03/22/04	222000E	50000	5000
Thallium	03/22/04	ND	10	10.00
Vanadium	03/22/04	6.90	NLE	5.00
Zinc	03/22/04	264	5000	50.00

ND = Not Detected, R.L= Reporting limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4015707
Sample Received: 03/09/04
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW17

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	03/22/04	319	200	100
Antimony	03/22/04	ND	20	20.00
Arsenic	03/22/04	ND	8	5.00
Barium	03/22/04	45.4	2000	5.00
Beryllium	03/22/04	ND	20	0.500
Cadmium	03/22/04	ND	4	2.00
Calcium	03/22/04	152000	NLE	1000
Chromium	03/22/04	ND	100	5.00
Cobalt	03/22/04	ND	NLE	2.00
Copper	03/22/04	18.3	1000	5.00
Iron	03/22/04	6780	300	500
Lead	03/22/04	ND	10	5.00
Magnesium	03/22/04	12200	NLE	1000
Manganese	03/22/04	117	50	5.00
Mercury	03/24/04	ND	2	0.500
Nickel	03/22/04	ND	100	5.00
Potassium	03/22/04	5580	NLE	1000
Selenium	03/22/04	ND	50	20.00
Silver	03/22/04	ND	20	5.00
Sodium	03/22/04	25900	50000	5000
Thallium	03/22/04	ND	10	10.00
Vanadium	03/22/04	6.33	NLE	5.00
Zinc	03/22/04	ND	5000	50.00

ND = Not Detected, R.L= Reporting limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4015508
Sample Received: 03/05/04
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW18

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	03/22/04	3670	200	100
Antimony	03/22/04	ND	20	20.00
Arsenic	03/22/04	ND	8	5.00
Barium	03/22/04	628	2000	5.00
Beryllium	03/22/04	0.804	20	0.500
Cadmium	03/22/04	ND	4	2.00
Calcium	03/22/04	148000	NLE	1000
Chromium	03/22/04	23.1	100	5.00
Cobalt	03/22/04	ND	NLE	2.00
Copper	03/22/04	15.4	1000	5.00
Iron	03/22/04	50600	300	500
Lead	03/22/04	116	10	5.00
Magnesium	03/22/04	61000	NLE	1000
Manganese	03/22/04	560	50	5.00
Mercury	03/24/04	ND	2	0.500
Nickel	03/22/04	ND	100	5.00
Potassium	03/22/04	38900	NLE	1000
Selenium	03/22/04	ND	50	20.00
Silver	03/22/04	ND	20	5.00
Sodium	03/22/04	289000E	50000	5000
Thallium	03/22/04	ND	10	10.00
Vanadium	03/22/04	14.5	NLE	5.00
Zinc	03/22/04	213	5000	50.00

ND = Not Detected, R.L= Reporting limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4015507
Sample Received: 03/05/04
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW19

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	03/22/04	163	200	100
Antimony	03/22/04	ND	20	20.00
Arsenic	03/22/04	ND	8	5.00
Barium	03/22/04	85.4	2000	5.00
Beryllium	03/22/04	ND	20	0.500
Cadmium	03/22/04	ND	4	2.00
Calcium	03/22/04	120000	NLE	1000
Chromium	03/22/04	ND	100	5.00
Cobalt	03/22/04	ND	NLE	2.00
Copper	03/22/04	ND	1000	5.00
Iron	03/22/04	36800	300	500
Lead	03/22/04	7.80	10	5.00
Magnesium	03/22/04	32800	NLE	1000
Manganese	03/22/04	114	50	5.00
Mercury	03/24/04	ND	2	0.500
Nickel	03/22/04	ND	100	5.00
Potassium	03/22/04	12000	NLE	1000
Selenium	03/22/04	ND	50	20.00
Silver	03/22/04	ND	20	5.00
Sodium	03/22/04	170000	50000	5000
Thallium	03/22/04	ND	10	10.00
Vanadium	03/22/04	ND	NLE	5.00
Zinc	03/22/04	138	5000	50.00

ND = Not Detected, R.L= Reporting limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4015506
Sample Received: 03/05/04
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW20

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	03/22/04	278	200	100
Antimony	03/22/04	ND	20	20.00
Arsenic	03/22/04	ND	8	5.00
Barium	03/22/04	13.5	2000	5.00
Beryllium	03/22/04	ND	20	0.500
Cadmium	03/22/04	ND	4	2.00
Calcium	03/22/04	17100	NLE	1000
Chromium	03/22/04	39.5	100	5.00
Cobalt	03/22/04	ND	NLE	2.00
Copper	03/22/04	7.29	1000	5.00
Iron	03/22/04	5370	300	500
Lead	03/22/04	ND	10	5.00
Magnesium	03/22/04	49100	NLE	1000
Manganese	03/22/04	11.6	50	5.00
Mercury	03/24/04	ND	2	0.500
Nickel	03/22/04	ND	100	5.00
Potassium	03/22/04	36000	NLE	1000
Selenium	03/22/04	ND	50	20.00
Silver	03/22/04	ND	20	5.00
Sodium	03/22/04	380000E	50000	5000
Thallium	03/22/04	ND	10	10.00
Vanadium	03/22/04	22.6	NLE	5.00
Zinc	03/22/04	61.1	5000	50.00

ND = Not Detected, R.L= Reporting limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4015505
Sample Received: 03/05/04
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW21

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	03/22/04	1530	200	100
Antimony	03/22/04	ND	20	20.00
Arsenic	03/22/04	ND	8	5.00
Barium	03/22/04	18.8	2000	5.00
Beryllium	03/22/04	ND	20	0.500
Cadmium	03/22/04	ND	4	2.00
Calcium	03/22/04	63000	NLE	1000
Chromium	03/22/04	10.9	100	5.00
Cobalt	03/22/04	ND	NLE	2.00
Copper	03/22/04	10.7	1000	5.00
Iron	03/22/04	4550	300	500
Lead	03/22/04	ND	10	5.00
Magnesium	03/22/04	42300	NLE	1000
Manganese	03/22/04	13.4	50	5.00
Mercury	03/24/04	ND	2	0.500
Nickel	03/22/04	ND	100	5.00
Potassium	03/22/04	27300	NLE	1000
Selenium	03/22/04	ND	50	20.00
Silver	03/22/04	ND	20	5.00
Sodium	03/22/04	373000E	50000	5000
Thallium	03/22/04	ND	10	10.00
Vanadium	03/22/04	5.28	NLE	5.00
Zinc	03/22/04	229	5000	50.00

ND = Not Detected, R.L= Reporting limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4015504
Sample Received: 03/05/04
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW22

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	03/22/04	549	200	100
Antimony	03/22/04	ND	20	20.00
Arsenic	03/22/04	13.5	8	5.00
Barium	03/22/04	34.8	2000	5.00
Beryllium	03/22/04	ND	20	0.500
Cadmium	03/22/04	ND	4	2.00
Calcium	03/22/04	21100	NLE	1000
Chromium	03/22/04	6.27	100	5.00
Cobalt	03/22/04	ND	NLE	2.00
Copper	03/22/04	10.6	1000	5.00
Iron	03/22/04	75200	300	500
Lead	03/22/04	8.67	10	5.00
Magnesium	03/22/04	36400	NLE	1000
Manganese	03/22/04	136	50	5.00
Mercury	03/24/04	ND	2	0.500
Nickel	03/22/04	ND	100	5.00
Potassium	03/22/04	28900	NLE	1000
Selenium	03/22/04	ND	50	20.00
Silver	03/22/04	ND	20	5.00
Sodium	03/22/04	645000	50000	5000
Thallium	03/22/04	ND	10	10.00
Vanadium	03/22/04	19.7	NLE	5.00
Zinc	03/22/04	304	5000	50.00

ND = Not Detected, R.L= Reporting limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4015708
Sample Received: 03/09/04
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: M8MW23

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	03/22/04	714	200	100
Antimony	03/22/04	ND	20	20.00
Arsenic	03/22/04	ND	8	5.00
Barium	03/22/04	33.0	2000	5.00
Beryllium	03/22/04	ND	20	0.500
Cadmium	03/22/04	ND	4	2.00
Calcium	03/22/04	44000	NLE	1000
Chromium	03/22/04	ND	100	5.00
Cobalt	03/22/04	ND	NLE	2.00
Copper	03/22/04	8.10	1000	5.00
Iron	03/22/04	3010	300	500
Lead	03/22/04	9.80	10	5.00
Magnesium	03/22/04	6250	NLE	1000
Manganese	03/22/04	302	50	5.00
Mercury	03/24/04	ND	2	0.500
Nickel	03/22/04	ND	100	5.00
Potassium	03/22/04	4280	NLE	1000
Selenium	03/22/04	ND	50	20.00
Silver	03/22/04	ND	20	5.00
Sodium	03/22/04	26800	50000	5000
Thallium	03/22/04	ND	10	10.00
Vanadium	03/22/04	ND	NLE	5.00
Zinc	03/22/04	431	5000	50.00

ND = Not Detected, R.L= Reporting limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4014201
Sample Received: 02/25/04
Sample Matrix: AQ

Site: M8

Field ID: M8MW24

Method of Digestion: E.P.A SW-846, Method 3010A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	03/03/04	ND	200	100
Antimony	03/03/04	ND	20	20.00
Arsenic	03/03/04	ND	8	5.00
Barium	03/03/04	235	2000	5.00
Beryllium	03/03/04	ND	20	0.500
Cadmium	03/03/04	ND	4	2.00
Calcium	03/03/04	67200	NLE	1000
Chromium	03/03/04	ND	100	5.00
Cobalt	03/03/04	ND	NLE	2.00
Copper	03/03/04	ND	1000	5.00
Iron	03/03/04	13000	300	500
Lead	03/03/04	ND	10	5.00
Magnesium	03/03/04	12600	NLE	1000
Manganese	03/03/04	103	50	5.00
Mercury	03/05/04	ND	2	0.500
Nickel	03/03/04	ND	100	5.00
Potassium	03/03/04	14400	NLE	1000
Selenium	03/03/04	ND	50	20.00
Silver	03/03/04	ND	20	5.00
Sodium	03/03/04	49500	50000	5000
Thallium	03/03/04	ND	10	10.00
Vanadium	03/03/04	ND	NLE	5.00
Zinc	03/03/04	ND	5000	50.00

ND = Not Detected, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6
R.L. = Reporting limit.

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4015709
Sample Received: 03/09/04
Sample Matrix: Aqueous

Site: M8 Wells
Ft. Monmouth, New Jersey

Field ID#: 697MW01

Method of Digestion: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	R.L. (ug/L)
Aluminum	03/22/04	ND	200	100
Antimony	03/22/04	ND	20	20.00
Arsenic	03/22/04	ND	8	5.00
Barium	03/22/04	10.4	2000	5.00
Beryllium	03/22/04	ND	20	0.500
Cadmium	03/22/04	ND	4	2.00
Calcium	03/22/04	5830	NLE	1000
Chromium	03/22/04	ND	100	5.00
Cobalt	03/22/04	ND	NLE	2.00
Copper	03/22/04	ND	1000	5.00
Iron	03/22/04	1280	300	500
Lead	03/22/04	ND	10	5.00
Magnesium	03/22/04	2150	NLE	1000
Manganese	03/22/04	10.1	50	5.00
Mercury	03/24/04	ND	2	0.500
Nickel	03/22/04	ND	100	5.00
Potassium	03/22/04	1660	NLE	1000
Selenium	03/22/04	ND	50	20.00
Silver	03/22/04	ND	20	5.00
Sodium	03/22/04	33300	50000	5000
Thallium	03/22/04	ND	10	10.00
Vanadium	03/22/04	ND	NLE	5.00
Zinc	03/22/04	ND	5000	50.00

ND = Not Detected, R.L= Reporting limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

	Lab	2-Butan one	Tetra chloro ethene	cis-1,2-Di chloro ethene	Aluminum	Iron	Manganese	Arsenic	Trichloro ethene	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	300	1	10	200	300	50	8	1	-	-
06/24/1997	FMETL	ND	5.04	ND	56	370	22	-	ND	9.45	V,S,P,M
08/25/1997	FMETL	ND	4.96	ND	170.4	760	43	-	ND	9.80	V,S,P,M
10/31/1997	FMETL	ND	7.64	ND	182	19	7.7	-	ND	10.10	V,S,P,M
02/25/1998	FMETL	ND	2.25	ND	7205	18860	34.8	-	ND	7.31	V,S,P,M
06/04/1998	FMETL	ND	5.49	ND	1210	6520	14.1	-	ND	8.41	V,S,P,M
08/28/1998	FMETL	2.50	5.56	ND	6580	18800	55.5	-	ND	10.29	V,S,P,M
11/04/1998	FMETL	ND	21.68	ND	1110	3360	13	-	ND	10.86	V,S,P,M
01/27/1999	FMETL	ND	4.27	ND	5040	16700	27.3	ND	ND	8.84	V,S,P,M
06/22/1999	FMETL	2.89	46.06	ND	197	1380	13.6	ND	ND	9.91	V,S,P,M
09/23/1999	FMETL	ND	11.77	ND	1930	5190	12.9	ND	ND	9.52	V,S,P,M
12/28/1999	FMETL	ND	19.76	ND	ND	144	6.80	ND	ND	8.76	V,S,P,M
03/15/2000	FMETL	ND	15.64	ND	1240	3860	12.0	ND	ND	8.86	V,S,P,M
06/05/2000	FMETL	ND	10.89	ND	355	3090	12.4	ND	ND	9.28	V,S,P,M
06/05/2000D	FMETL	ND	6.66	ND	253	2970	12.1	ND	ND	9.28	V,S,P,M
09/06/2000	FMETL	ND	7.63	ND	1760	8540	13.9	3.59	ND	9.06	V,S,P,M
09/06/2000D	FMETL	ND	6.93	ND	1410	8760	17.0	2.68	ND	9.06	V,S,P,M
12/13/2000	FMETL	ND	3.42	ND	401	2100	6.29	ND	ND	9.86	V,S,P,M
12/13/2000D	FMETL	ND	6.68	ND	434	2320	6.77	ND	ND	9.86	V,S,P,M
03/20/2001	FMETL	ND	4.72	ND	870	3420	19.3	ND	ND	8.54	V,S,P,M
06/08/2001	FMETL	ND	6.59	ND	508	14000	136	5.65	ND	8.47	V,S,P,M
06/08/2001D	FMETL	ND	6.41	ND	409	13500	135	6.64	ND	8.47	V,S,P,M
09/24/2001	FMETL	ND	7.24	ND	2530	23300	148	ND	ND	10.30	V,S,P,M
12/17/2001	FMETL	ND	25.43	ND	290	14800	67.8	ND	ND	10.81	V,S,P,M
12/17/2001D	FMETL	ND	15.60	ND	328	15200	63.8	3.41	ND	10.81	V,S,P,M
03/21/2002	FMETL	ND	29.19	ND	568	4750	19.6	4.44	ND	9.49	V,S,P,M
06/11/2002	FMETL	ND	29.04	ND	553	3890	21.1	ND	ND	8.75	V,S,P,M
09/23/2002	FMETL	14.04	11.44	ND	847	42100	156	16.8	ND	9.42	V,S,P,M
12/13/2002	FMETL	59.80	9.51	2.03	133	24900	64.2	6.46	ND	8.08	V,S,P,M
03/21/2003	FMETL	2.78	4.45	ND	80.3	5310	20.6	4.30	0.92	8.30	V,S,P,M
05/30/2003	FMETL	ND	3.10	ND	4000	27900	62.6	3.05	ND	8.52	V,S,P,M
08/22/2003	FMETL	9.29	ND	2.73	264	118000E	341	7.08	ND	9.34	V,S,P,M
12/12/2003	FMETL	ND	ND	1.18	863	20500	48.6	9.95	ND	8.38	V,S,P,M
03/09/2004	FMETL	ND	ND	6.50	1470	19300	52.3	ND	3.70	8.99	V,S,P,M

SOURCE: 00M8MW12

Sampling Dates:
06/24/1997 - 03/09/2004

NOTES:

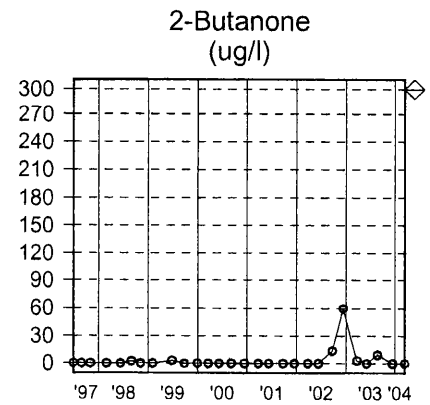
FORT MONMOUTH

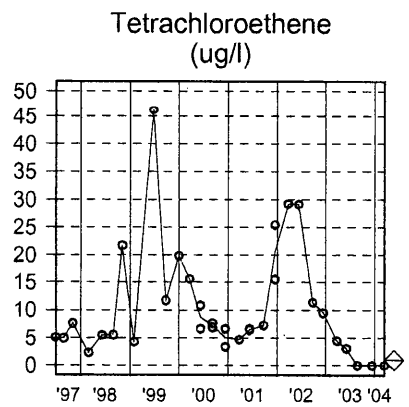
GW MONITORING
M-8 Bldg 697

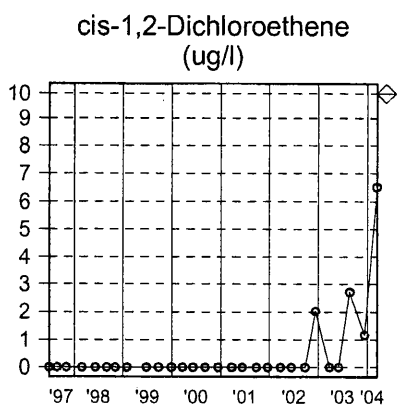
Source 1 of 14

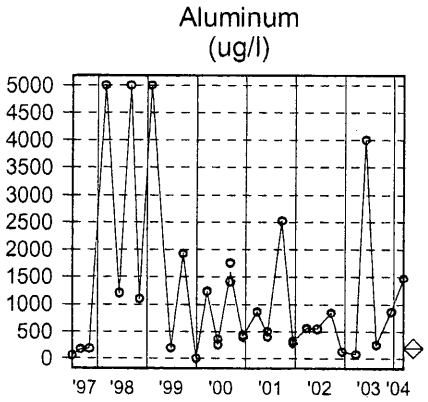
Silver in blank > Criteria, sample date 6/97.

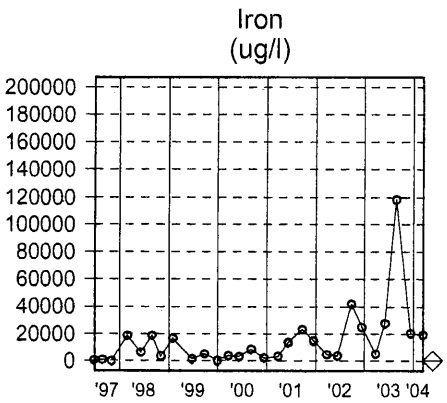
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

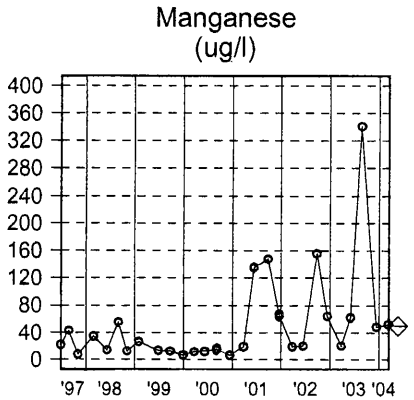


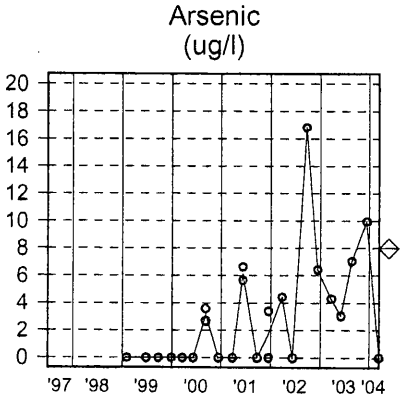


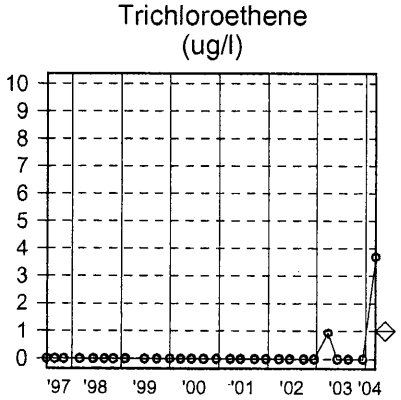


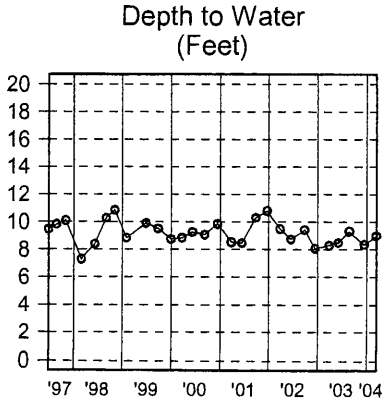












SOURCE: 00M8MW12

Sampling Dates:
06/24/1997 - 03/09/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 1 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-08-2004 \\Gar045\ENVR_Data\MtechData\M-8\M8.WSF

	Lab	Aluminum	Iron	Manganese	Sodium	Lead	Depth to Water				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	Feet				-
NJDEP Criteria:	-	200	300	50	50000	10	-				-
06/24/1997	FMETL	364	23650	148	1083000	-	7.00				V,S,P,M
08/25/1997	FMETL	661	21830	135	155200	-	7.00				V,S,P,M
10/31/1997	FMETL	231	12560	234	3854000	-	7.00				V,S,P,M
02/25/1998	FMETL	3514	12190	35.5	113900	-	5.95				V,S,P,M
06/04/1998	FMETL	2039	41310	170	13970	-	6.71				V,S,P,M
08/28/1998	FMETL	225	24800	165	3540000	-	6.42				V,S,P,M
11/04/1998	FMETL	292	18300	160	4500000	-	6.17				V,S,P,M
01/27/1999	FMETL	577	5640	30.5	139000	3.61	6.51				V,S,P,M
06/22/1999	FMETL	1720	26200	204	2800000	ND	6.78				V,S,P,M
09/23/1999	FMETL	138	14400	149	1420000	3.76	6.30				V,S,P,M
12/28/1999	FMETL	360	6410	14.3	204000	5.96	6.83				V,S,P,M
03/15/2000	FMETL	815	6950	9.23	131000	4.14	6.62				V,S,P,M
06/05/2000	FMETL	141	13900	207	364000	ND	6.05				V,S,P,M
09/06/2000	FMETL	642	12300	65.0	489000	27.0	6.66				V,S,P,M
12/13/2000	FMETL	1490	15600	70.9	379000	10.6	7.12				V,S,P,M
03/20/2001	FMETL	870	3440	19.2	29500	1.00	6.56				V,S,M,P
06/08/2001	FMETL	1180	42800	561	364000	31.2	6.76				V,S,P,M
09/24/2001	FMETL	660	64900	636	2570000	6.13	6.84				V,S,P,M
12/17/2001	FMETL	1270	68700	409	ND	29.3	5.64				V,S,P,M
03/21/2002	FMETL	506	3430	25.1	240000	4.62	6.47				V,S,P,M
06/11/2002	FMETL	883	5770	97.4	504000	8.08	6.40				V,S,P,M
09/23/2002	FMETL	179	38200	421	2110000	5.99	5.58				V,S,P,M
12/10/2002	FMETL	12.6	5940	204	700000	ND	5.21				V,S,P,M
03/21/2003	FMETL	222	16400	4.35	179000	9.38	6.29				V,S,P,M
05/30/2003	FMETL	1810	11200	54.5	251000	9.56	6.55				V,S,P,M
08/22/2003	FMETL	447	22400	319	655000E	1.63	6.67				V,S,P,M
12/12/2003	FMETL	683	3630	103	422000E	6.26	6.25				V,S,P,M
03/05/2004	FMETL	958	19400	256	153000E	9.69	5.76				V,S,P,M

SOURCE: 00M8MW13

Sampling Dates:
06/24/1997 - 03/05/2004

NOTES:

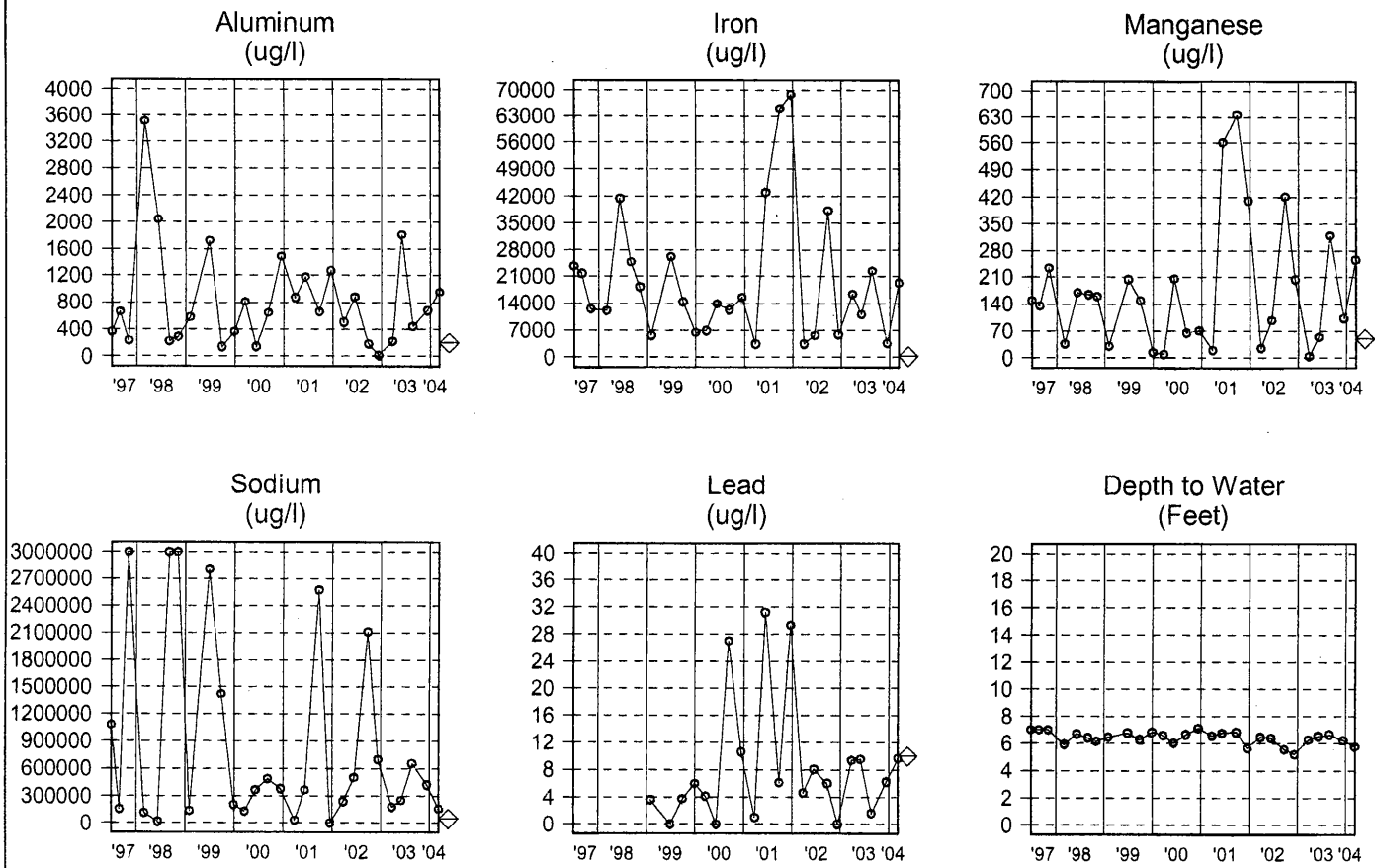
FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 2 of 14

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 00M8MW13

Sampling Dates:
06/24/1997 - 03/05/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 2 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-08-2004 \\Gar045\ENVR_Data\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Aluminum	Iron	Manganese	Sodium	Arsenic	Lead	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	4	200	300	50	50000	8	10	-		-
06/24/1997	FMETL	16	227	47000	288	179000	-	-	8.05		V,S,P,M
08/25/1997	FMETL	6.49	65	20880	549	125800	-	-	8.15		V,S,P,M
10/31/1997	FMETL	4.38	203	25450	340	182300	-	-	8.30		V,S,P,M
02/25/1998	FMETL	4.97	1029	33710	366	109200	-	-	6.22		V,S,P,M
06/04/1998	FMETL	7.79	727	43420	332	204600	-	-	7.68		V,S,P,M
08/28/1998	FMETL	6.47	275	34800	315	288000	-	-	8.34		V,S,P,M
11/04/1998	FMETL	6.21	226	41900	380	447000	-	-	8.19		V,S,P,M
01/27/1999	FMETL	3.95	215	37400	402	195000	ND	2.73	7.45		V,S,P,M
06/22/1999	FMETL	5.12	685	33000	306	342000	ND	ND	8.25		V,S,P,M
09/23/1999	FMETL	4.43	246	26600	296	215000	ND	5.89	7.57		V,S,P,M
12/28/1999	FMETL	ND	1480	26900	90.9	19300	ND	15.9	7.99		V,S,P,M
03/15/2000	FMETL	2.91	396	21000	236	93700	ND	ND	7.64		V,S,P,M
06/05/2000	FMETL	ND	447	11600	58.9	15000	ND	4.59	7.86		V,S,P,M
09/06/2000	FMETL	3.03	369	17200	284	132000	ND	17.2	7.53		V,S,P,M
12/13/2000	FMETL	1.75	1350	29600	262	152000	ND	10.2	8.18		V,S,P,M
03/20/2001	FMETL	1.34	4460	34400	206	109000	10.0	15.0	7.78		V,S,P,M
06/08/2001	FMETL	ND	217	1790	84.4	6050	ND	2.71	7.88		V,S,P,M
09/24/2001	FMETL	ND	103	10900	237	32400	ND	ND	7.91		V,S,P,M
12/17/2001	FMETL	1.03	ND	19700	408	93700	ND	3.52	8.16		V,S,P,M
03/21/2002	FMETL	ND	454	981	15.6	4880	2.78	1.55	6.47		V,S,P,M
06/11/2002	FMETL	ND	207	2870	125	4840	ND	ND	7.68		V,S,P,M
09/23/2002	FMETL	ND	118	16200	812	14600	2.51	3.14	9.70		V,S,P,M
12/10/2002	FMETL	ND	49.3	4940	235	18500	ND	ND	8.31		V,S,P,M
03/21/2003	FMETL	ND	311	12700	31.1	4850	4.99	4.52	6.51		V,S,P,M
05/30/2003	FMETL	ND	237	3960	89.5	2280	3.14	5.74	6.45		V,S,P,M
08/22/2003	FMETL	0.70	192	16400	184	31400	3.28	3.16	8.00		V,S,P,M
12/12/2003	FMETL	ND	122	21800	201	11100	5.40	2.23	7/03		V,S,P,M
03/05/2004	FMETL	ND	ND	29200	74.8	13700	ND	ND	7.61		V,S,P,M

SOURCE: 00M8MW14

Sampling Dates:
06/24/1997 - 03/05/2004

NOTES:

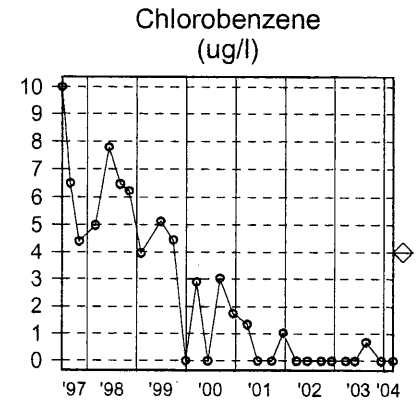
FORT MONMOUTH

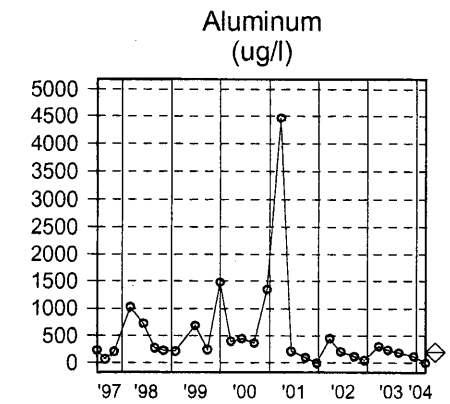
GW MONITORING
M-8 Bldg 697

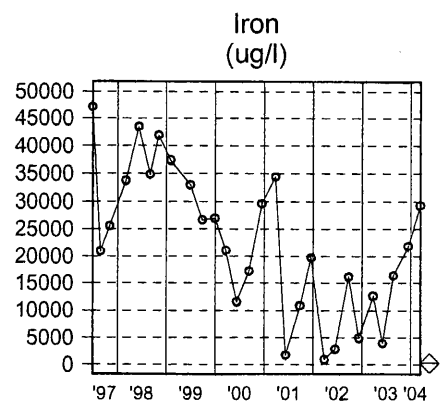
Source 3 of 14

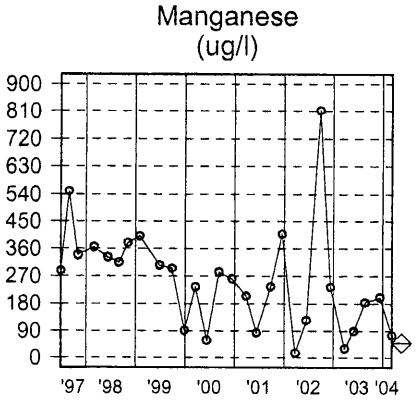
Silver in blank > Criteria, sample date 6/97.

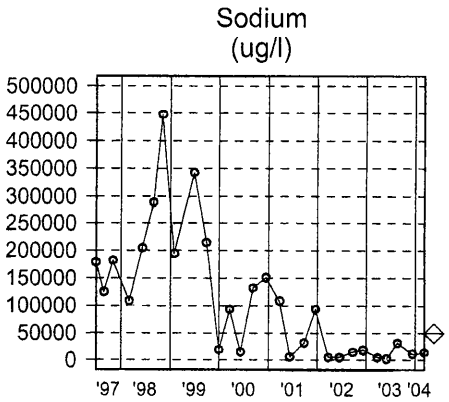
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

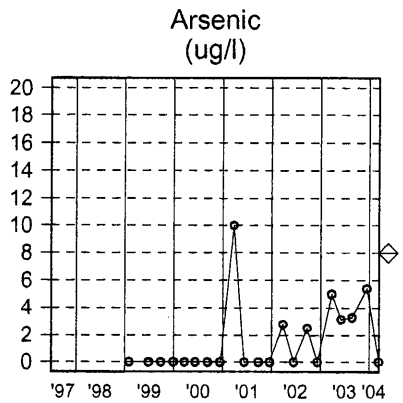


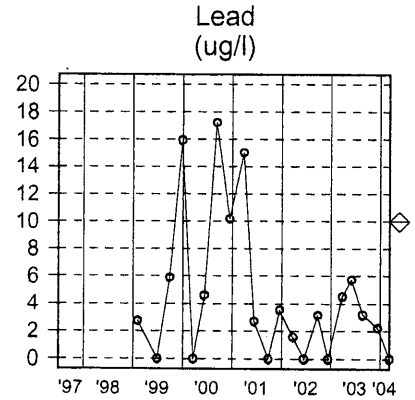


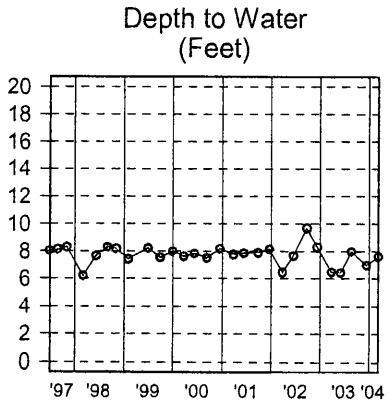












SOURCE: 00M8MW14

Sampling Dates:
06/24/1997 - 03/05/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 3 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-08-2004 \\Gar045\ENVR_Data\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Aluminum	Iron	Manganese	Sodium	Arsenic	Lead	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	4	200	300	50	50000	8	10	-		-
06/24/1997	FMETL	13.7	136	9670	239	200400	-	-	6.50		V,S,P,M
08/25/1997	FMETL	9.30	57.7	14870	348	224700	-	-	6.00		V,S,P,M
10/31/1997	FMETL	6.44	515	7332	267	147500	-	-	6.80		V,S,P,M
02/25/1998	FMETL	ND	777	15210	508	84840	-	-	3.50		V,S,P,M
06/04/1998	FMETL	12.09	318	15770	364	116500	-	-	4.76		V,S,P,M
08/28/1998	FMETL	17.78	194	9240	247	314000	-	-	5.67		V,S,P,M
11/04/1998	FMETL	29.43	140	8740	357	326000	-	-	5.78		V,S,P,M
01/27/1999	FMETL	ND	341	3150	106	46400	ND	2.79	3.86		V,S,P,M
06/22/1999	FMETL	16.16	258	14700	252	266000	4.69	ND	5.69		V,S,P,M
09/23/1999	FMETL	2.91	23.1	2950	73.4	120000	3.10	3.38	5.23		V,S,P,M
12/28/1999	FMETL	5.17	101	7800	123	68900	ND	2.58	5.28		V,S,P,M
03/15/2000	FMETL	ND	1670	6090	76.7	72700	3.21	7.19	4.68		V,S,P,M
06/05/2000	FMETL	ND	932	4360	136	67100	ND	4.11	6.21		V,S,P,M
09/06/2000	FMETL	6.63	528	6610	211	144000	2.37	ND	5.12		V,S,P,M
12/13/2000	FMETL	35.03	571	21600	345	228000	ND	ND	5.87		V,S,P,M
03/20/2001	FMETL	12.4	350	14300	313	156000	13.0	ND	4.56		V,S,P,M
06/08/2001	FMETL	4.14	321	2430	71.2	104000	ND	4.36	5.62		V,S,P,M
12/17/2001	FMETL	5.93	ND	12900	250	833000	2.76	5.93	5.98		V,S,P,M
03/21/2002	FMETL	ND	5500	15100	46.3	96500	11.5	16.0	4.22		V,S,P,M
06/11/2002	FMETL	2.15	4910	20500	81.9	113000	5.91	14.3	5.55		V,S,P,M
09/25/2002	FMETL	25.81	89.5	8130	157	167000	10.4	1.71	5.45		V,S,P,M
12/13/2002	FMETL	ND	171	4240	39.2	37600	ND	ND	6.06		V,S,P,M
03/21/2003	FMETL	ND	158	2390	54.2	39200	ND	2.56	3.77		V,S,P,M
05/30/2003	FMETL	ND	275	1020	120	64200	ND	2.03	4.74		V,S,P,M
08/22/2003	FMETL	5.10	152	1640	108	77700	4.47	ND	5.75		V,S,P,M
12/30/2003	FMETL	ND	83.1	5530	122	136000	ND	1.33	3.90		V,S,P,M
03/09/2004	FMETL	ND	140	11800	96.8	61200	ND	ND	4.12		V,S,PM

SOURCE: 00M8MW15

Sampling Dates:
06/24/1997 - 03/09/2004

NOTES:

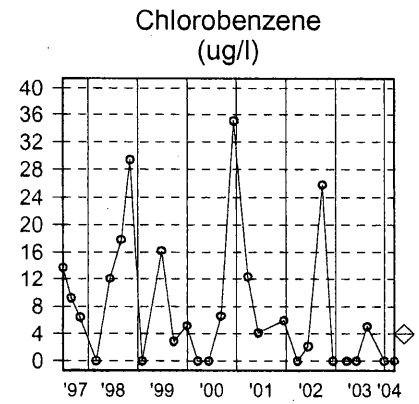
FORT MONMOUTH

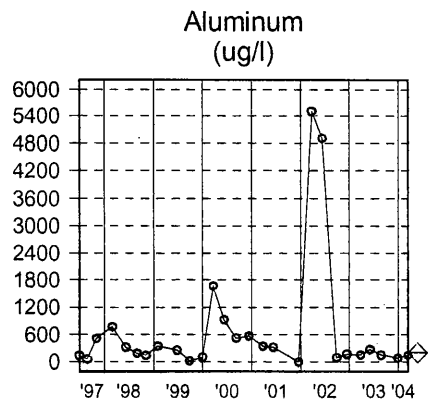
GW MONITORING
M-8 Bldg 697

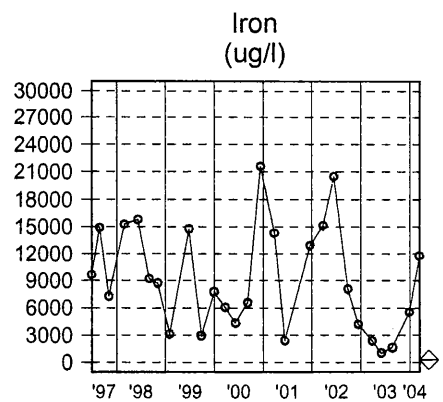
Source 4 of 14

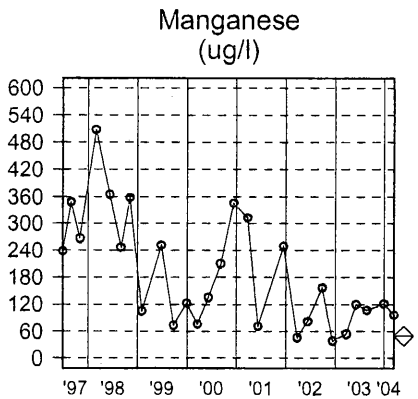
Silver in blank > Criteria, sample date 6/97.

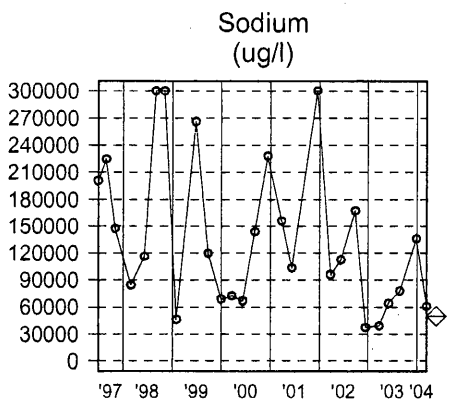
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

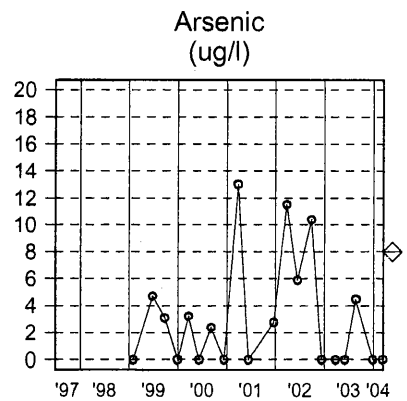


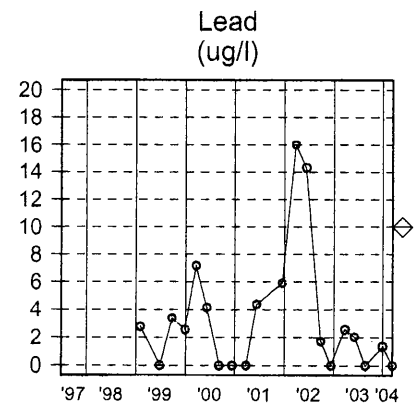


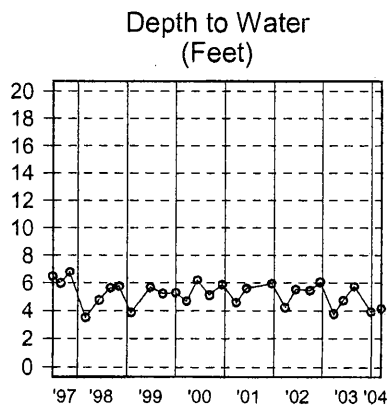












SOURCE: 00M8MW15

Sampling Dates:
06/24/1997 - 03/09/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 4 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-08-2004 \\Gar045\ENVR_Data\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Benzene	Aluminum	Iron	Manganese	Sodium	Arsenic	Lead	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	4	1	200	300	50	50000	8	10	-	-
09/23/1998	FMETL	1.16	ND	20200	86100	1420	3860000	36	256	8.93	V,S,P,M
10/20/1998	FMETL	ND	ND	200	30200	838	2710000	3.51	12.2	8.55	V,S,P,M
01/27/1999	FMETL	1.12	ND	1230	20800	611	933000	3.73	6.01	8.67	V,S,P,M
06/22/1999	FMETL	18.38	2.48	1480	50800	1290	191000	3.80	3.41	8.52	V,S,P,M
09/23/1999	FMETL	1.74	ND	20500	26000	1710	188000	5.68	20.0	8.23	V,S,P,M
12/28/1999	FMETL	ND	ND	29800	49600	945	127000	7.71	45.2	8.74	V,S,P,M
03/15/2000	FMETL	ND	ND	4970	29300	449	27600	3.61	4.77	8.03	V,S,P,M
06/05/2000	FMETL	ND	ND	4400	28500	573	146000	5.34	11.7	8.06	V,S,P,M
09/06/2000	FMETL	14.92	1.13	10500	58800	1770	437000	11.1	39.5	8.27	V,S,P,M
12/13/2000	FMETL	ND	ND	3330	21800	308	92000	7.43	18.3	8.73	V,S,P,M
03/20/2001	FMETL	ND	ND	7670	44700	144	24100	14.0	15.0	8.25	V,S,P,M
06/08/2001	FMETL	1.02	ND	1490	40800	926	107000	4	12.2	8.43	V,S,P,M
09/24/2001	FMETL	2.55	ND	5440	56800	1140	606000	3.88	22.6	8.71	V,S,P,M
12/17/2001	FMETL	ND	ND	7700	78700	932	864000	11.1	218	8.73	V,S,P,M
03/21/2002	FMETL	ND	ND	2340	24200	802	234000	5.01	5.11	7.58	V,S,P,M
06/11/2002	FMETL	ND	ND	11400	33400	477	113000	6.76	30.5	8.24	V,S,P,M
09/25/2002	FMETL	8.72	ND	8260	34000	1920	300000	12.9	15.0	8.41	V,S,P,M
12/13/2002	FMETL	2.02	ND	1440	7560	738	119000	ND	ND	5.31	V,S,P,M
03/21/2003	FMETL	6.49	ND	4460	61000	754	101000	ND	11.2	7.73	V,S,P,M
05/30/2003	FMETL	ND	ND	4610	6730	177	5610	ND	18.2	7.75	V,S,P,M
08/22/2003	FMETL	24.09	1.74	21500	76800	864	615000	9.09	72.8	7.94	V,S,P,M
12/30/2003	FMETL	3.34	ND	20300	78300	529	200000E	5.67	90.2	8.43	V,S,P,M
03/09/2004	FMETL	10.68	0.60	2830	51900	617	222000E	ND	13.6	8.13	V,S,P,M

SOURCE: 00M8MW16

Sampling Dates:
09/23/1998 - 03/09/2004

NOTES:

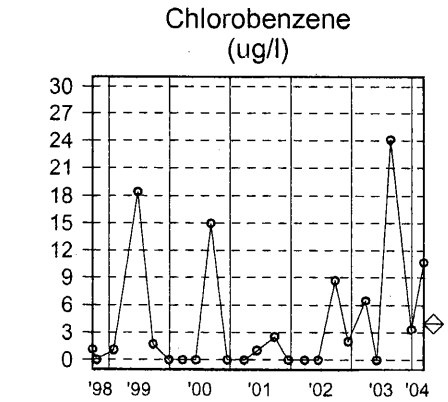
FORT MONMOUTH

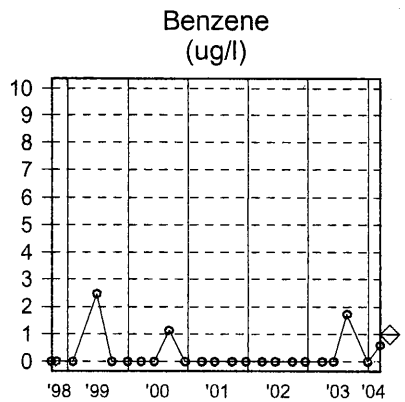
GW MONITORING
M-8 Bldg 697

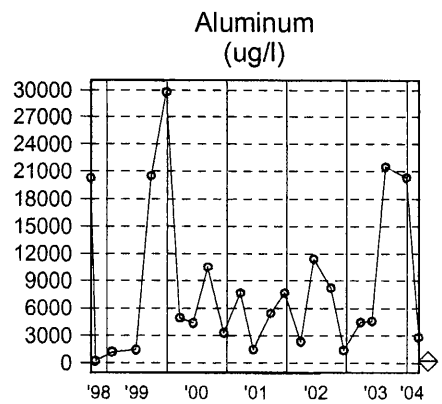
Source 6 of 14

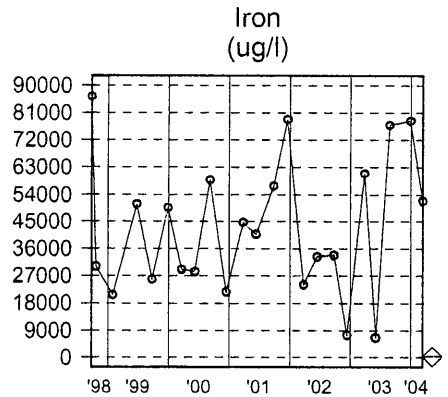
Silver in blank > Criteria, sample date 6/97.

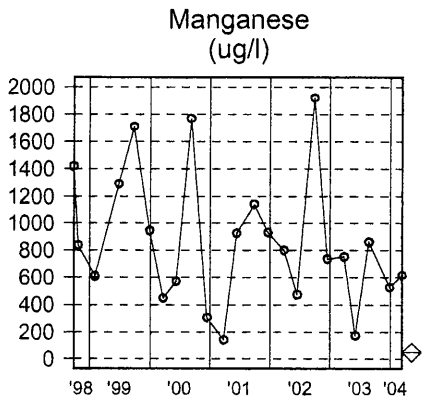
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

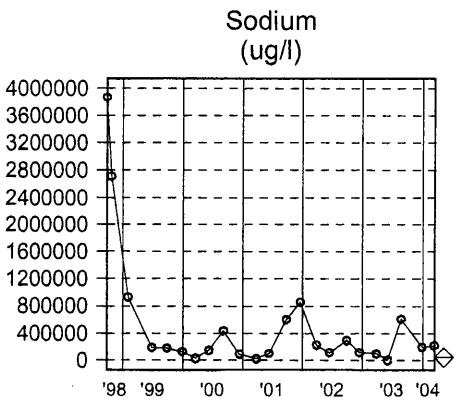


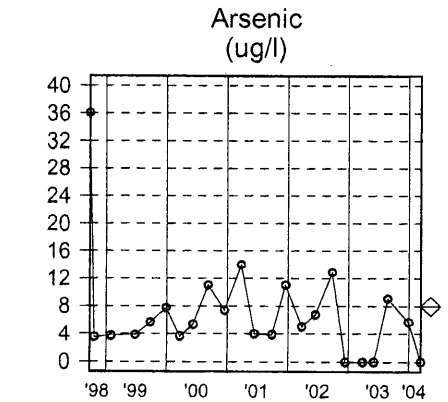


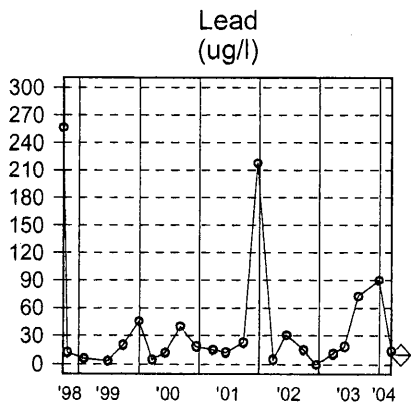


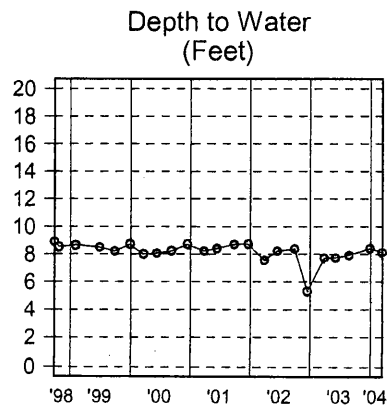












SOURCE: 00M8MW16

Sampling Dates:
09/23/1998 - 03/09/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 6 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-08-2004 \\Gar045\ENVR_Data\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Aluminum	Iron	Manganese	Sodium	Arsenic	Lead	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	4	200	300	50	50000	8	10	-		-
09/23/1998	FMETL	2.82	8040	41900	543	2120000	19	61	7.08		V,S,P,M
10/20/1998	FMETL	6.61	3650	25600	452	796000	ND	26.4	7.02		V,S,P,M
01/27/1999	FMETL	ND	1860	15100	111	66600	2.47	10.2	6.16		V,S,P,M
06/22/1999	FMETL	5.59	2930	16300	408	267000	6.83	17.7	6.91		V,S,P,M
09/23/1999	FMETL	ND	1100	28600	694	247000	6.26	9.48	6.35		V,S,P,M
12/28/1999	FMETL	5.98	6430	41500	55800	157000	6.65	42.2	6.53		V,S,P,M
03/15/2000	FMETL	ND	115	18600	621	34600	ND	3.14	6.29		V,S,P,M
06/05/2000	FMETL	3.96	977	15500	673	78600	13.4	19.7	8.09		V,S,P,M
09/06/2000	FMETL	2.97	3230	44600	787	82100	22.7	16.8	6.36		V,S,P,M
12/13/2000	FMETL	2.06	3660	48300	540	82400	25.0	67.2	6.69		V,S,P,M
03/20/2001	FMETL	2.53	ND	14500	608	56400	14.0	ND	6.15		V,M,S,P
06/08/2001	FMETL	1.94	163	12700	557	44800	10.1	7.60	6.56		V,S,P,M
09/24/2001	FMETL	4.16	616	12600	530	914000	5.11	6.60	6.74		V,S,P,M
12/17/2001	FMETL	4.15	862	16100	498	2320000	8.99	13.3	7.00		V,S,P,M
03/21/2002	FMETL	4.09	1890	14500	464	236000	9.63	9.67	6.55		V,S,P,M
06/11/2002	FMETL	6.08	279	15100	597	129000	6.35	3.88	6.55		V,S,P,M
09/25/2002	FMETL	5.52	491	19100	705	179000	9.58	4.64	6.32		V,S,P,M
12/13/2002	FMETL	ND	26.1	5450	85.2	12700	3.18	ND	4.61		V,S,P,M
03/21/2003	FMETL	ND	155	8010	59.7	13900	8.56	3.79	5.70		V,S,P,M
05/30/2003	FMETL	ND	249	5240	84.3	25800	4.67	2.10	5.95		V,S,P,M
08/22/2003	FMETL	3.57	392	5360	472	38000	9.61	1.06	6.54		V,S,P,M
12/30/2003	FMETL	0.68	803	17000	306	36000	7.65	6.25	5.91		V,S,P,M
03/09/2004	FMETL	ND	319	6780	117	25900	ND	ND	4.08		V,S,P,M

SOURCE: 00M8MW17

Sampling Dates:
09/23/1998 - 03/09/2004

NOTES:

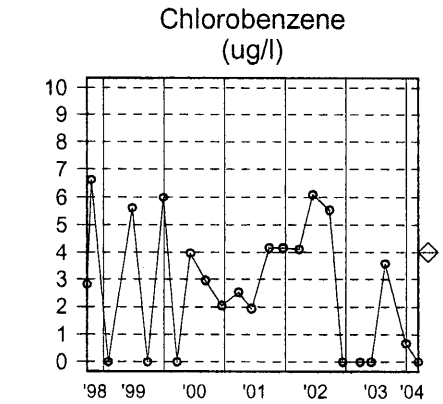
FORT MONMOUTH

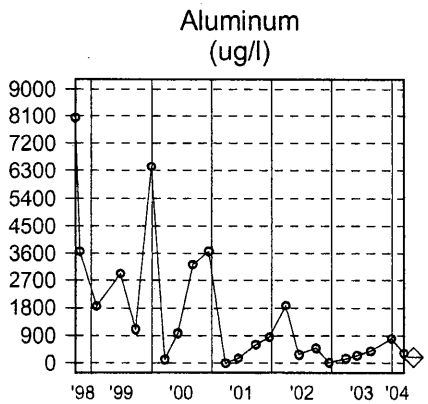
GW MONITORING
M-8 Bldg 697

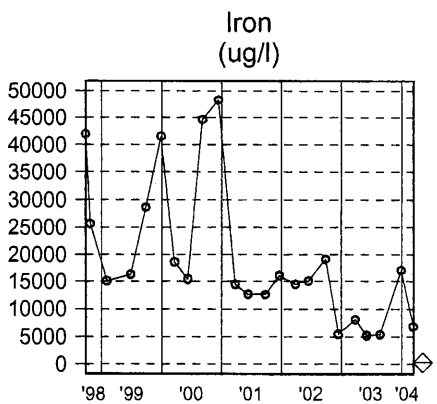
Source 7 of 14

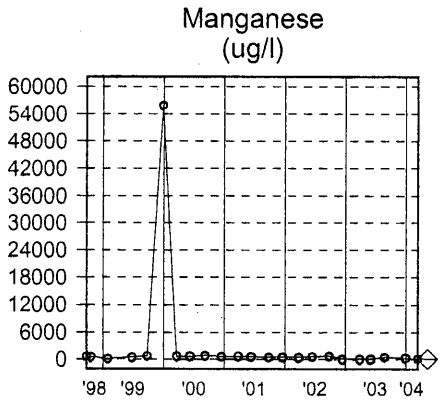
Silver in blank > Criteria, sample date 6/97.

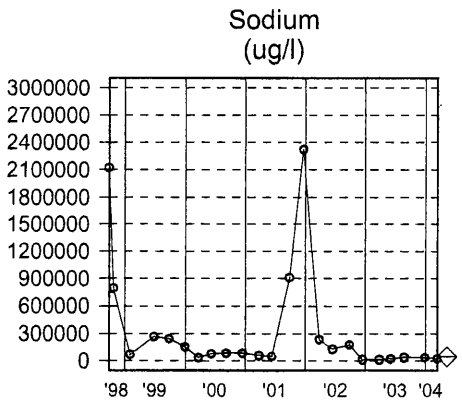
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

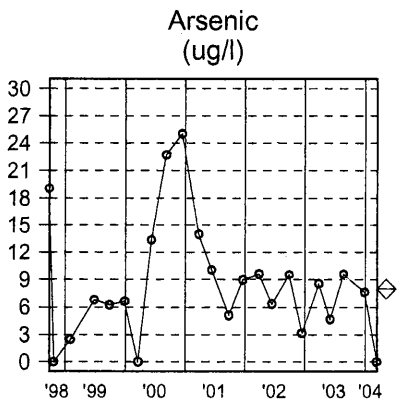


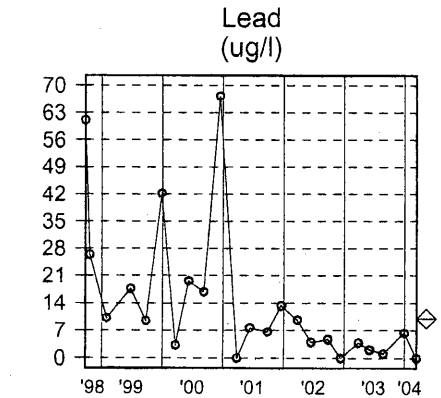


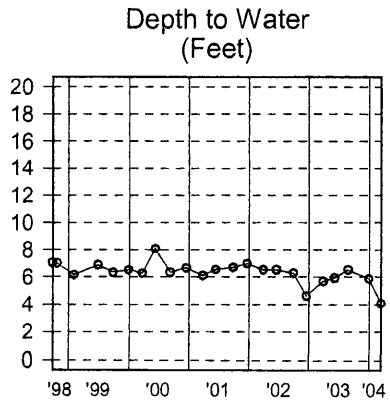












SOURCE: 00M8MW17

Sampling Dates:
09/23/1998 - 03/09/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 7 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-08-2004 \\Gar045\ENVR_Data\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Aluminum	Iron	Manganese	Sodium	Lead	Depth to Water			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet			-
NJDEP Criteria:	-	4	200	300	50	50000	10	-			-
09/30/1998	FMETL	16.43	378	10100	532	1260000	4	7.30			V,S,P,M
10/20/1998	FMETL	14.6	1050	8510	452	1430000	15.6	7.22			V,S,P,M
01/27/1999	FMETL	17.64	190	10300	570	724000	4.96	6.83			V,S,P,M
06/22/1999	FMETL	18.38	216	12000	531	466000	3.38	7.42			V,S,P,M
09/23/1999	FMETL	14.35	244	2900	397	910000	6.38	6.93			V,S,P,M
12/28/1999	FMETL	10.42	300	5840	456	541000	6.79	7.08			V,S,P,M
03/15/2000	FMETL	12.56	333	16400	645	181000	ND	6.94			V,S,P,M
06/05/2000	FMETL	8.00	184	4420	483	460000	73.3	6.08			V,S,P,M
09/06/2000	FMETL	18.69	60.3	24000	544	300000	ND	7.06			V,S,P,M
12/13/2000	FMETL	18.69	188	23700	599	425000	35.2	6.96			V,S,P,M
03/20/2001	FMETL	14.32	120	31700	661	244000	ND	6.72			V,S,P,M
06/08/2001	FMETL	16.11	ND	20700	752	253000	4.10	6.76			V,S,P,M
09/24/2001	FMETL	16.33	ND	6760	656	1010000	ND	6.93			V,S,P,M
12/17/2001	FMETL	9.56	ND	5370	622	1880000	11.3	6.69			V,S,P,M
03/21/2002	FMETL	12.61	376	38800	523	625000	9.12	6.55			V,S,P,M
06/11/2002	FMETL	12.33	282	29500	521	685000	11.4	6.69			V,S,P,M
09/23/2002	FMETL	9.86	246	18700	473	565000	6.71	6.68			V,S,P,M
12/10/2002	FMETL	4.51	139	12000	351	243000	16.4	6.20			V,S,P,M
03/21/2003	FMETL	5.44	184	2730	315	196000	7.62	6.16			V,S,P,M
05/30/2003	FMETL	6.07	1090	11200	311	262000	29.6	6.00			V,S,P,M
08/22/2003	FMETL	17.41	783	21700	632	159000E	22.1	6.90			V,S,P,M
12/12/2003	FMETL	0.72	786	5490	158	751000E	34.3	6.03			V,S,P,M
03/05/2004	FMETL	11.3	3670	50600	560	289000E	116	6.60			V,S,P,M

SOURCE: 00M8MW18

Sampling Dates:
09/30/1998 - 03/05/2004

NOTES:

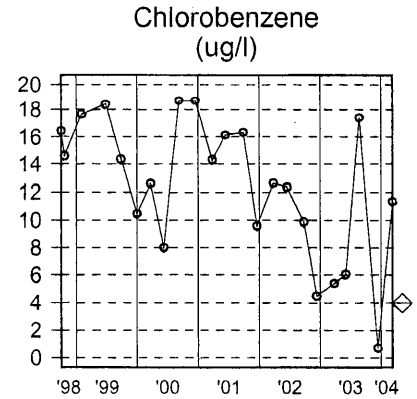
FORT MONMOUTH

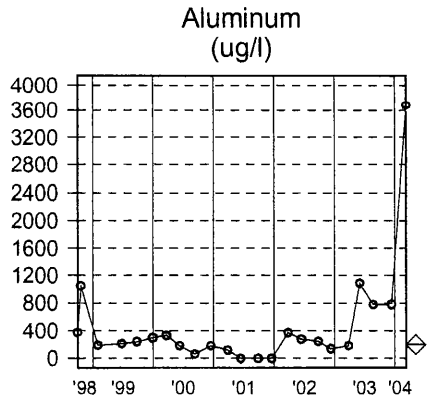
GW MONITORING
M-8 Bldg 697

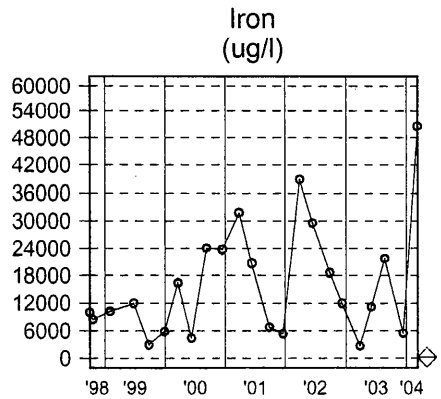
Source 8 of 14

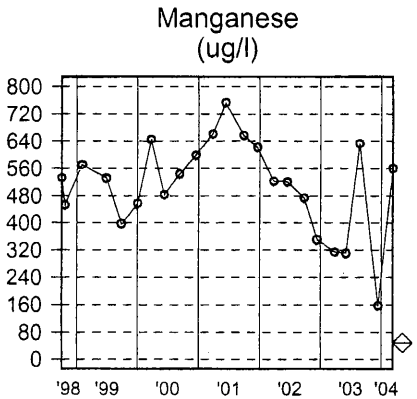
Silver in blank > Criteria, sample date 6/97.

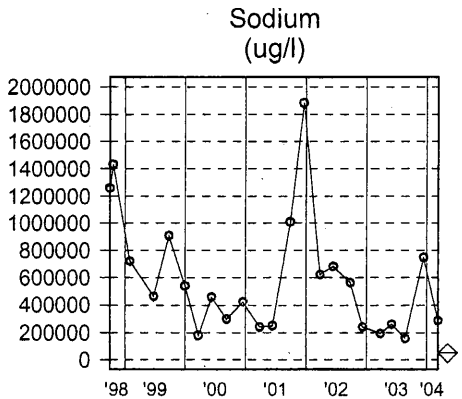
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

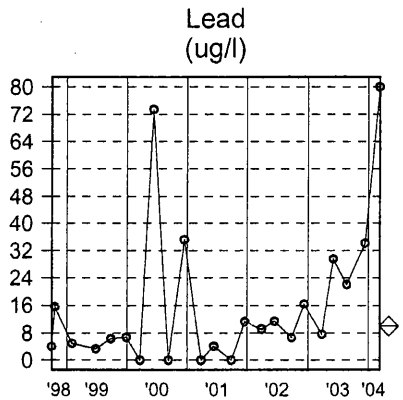


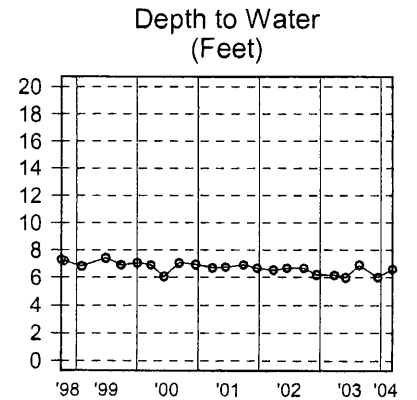












SOURCE: 00M8MW18

Sampling Dates:
09/30/1998 - 03/05/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 8 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-09-2004 \\Gar045\ENVR_Data\MtechData\M-8\M8.WSF

	Lab	Aluminum	Iron	Manganese	Sodium	Arsenic	Lead	Depth to Water			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet			-
NJDEP Criteria:	-	200	300	50	50000	8	10	-			-
09/30/1998	FMETL	1170	20100	92.1	278000	5	2	7.19			V,S,P,M
10/20/1998	FMETL	5100	38600	104	252000	7.09	18	8.59			V,S,P,M
01/27/1999	FMETL	2100	14800	98.3	68800	3.17	8.5	8.03			V,S,P,M
06/22/1999	FMETL	162	20200	95.3	278000	ND	ND	8.47			V,S,P,M
09/23/1999	FMETL	103	17400	234	183000	ND	2.84	8.38			V,S,P,M
12/28/1999	FMETL	456	29900	257	120000	6.78	6.17	8.48			V,S,P,M
03/15/2000	FMETL	267	10300	102	37400	3.79	ND	8.33			V,S,P,M
06/05/2000	FMETL	53.5	7540	86.8	94500	ND	ND	7.08			V,S,P,M
09/06/2000	FMETL	79.5	24400	260	274000	ND	ND	8.28			V,S,P,M
12/13/2000	FMETL	54.4	19100	234	181000	ND	ND	8.15			V,S,P,M
03/20/2001	FMETL	230	14500	46.2	39800	12.0	ND	7.75			V,S,P,M
06/08/2001	FMETL	49.1	24200	160	219000	ND	1.84	8.03			V,S,P,M
09/24/2001	FMETL	25.6	26700	256	312000	ND	ND	8.34			V,S,P,M
12/17/2001	FMETL	ND	25800	171	421000	ND	22.5	7.66			V,S,P,M
03/21/2002	FMETL	202	14000	72.3	48100	10.2	2.60	5.91			V,S,P,M
06/11/2002	FMETL	126	9290	86.0	60100	ND	ND	7.79			V,S,P,M
09/23/2002	FMETL	110	15400	185	74600	ND	1.25	7.39			V,S,P,M
12/10/2002	FMETL	49.7	5030	164	95300	ND	ND	7.10			V,S,P,M
03/21/2003	FMETL	137	3380	14.4	7130	2.60	3.35	5.73			V,S,P,M
05/30/2003	FMETL	262	6350	70.3	49900	ND	9.00	6.81			V,S,P,M
08/22/2003	FMETL	105	18100	140	88200	ND	ND	7.65			V,S,P,M
12/12/2003	FMETL	ND	4760	146	270000E	ND	ND	6.07			V,S,P,M
03/05/2004	FMETL	163	36800	114	170000	ND	7.80	7.29			V,S,P,M

SOURCE: 00M8MW19

Sampling Dates:
09/30/1998 - 03/05/2004

NOTES:

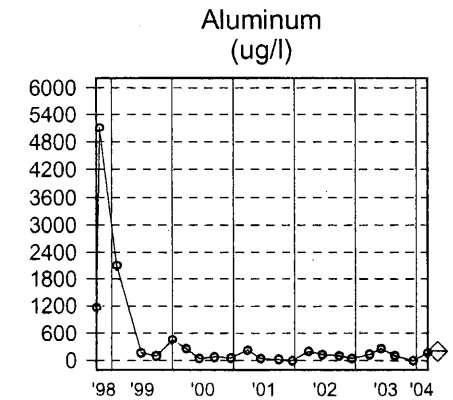
FORT MONMOUTH

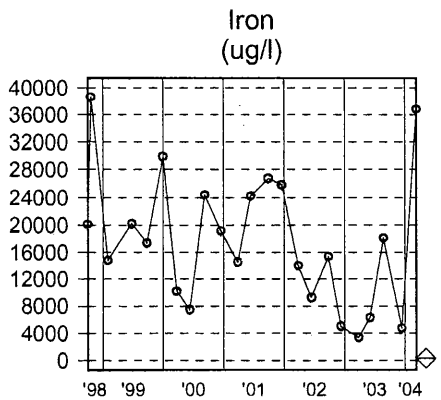
GW MONITORING
M-8 Bldg 697

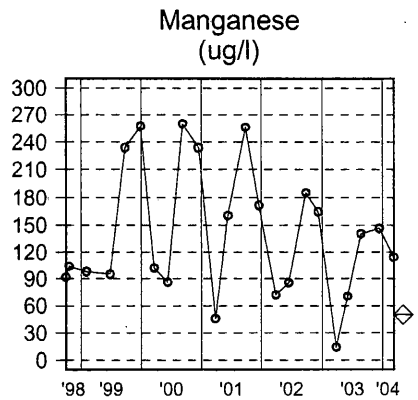
Source 9 of 14

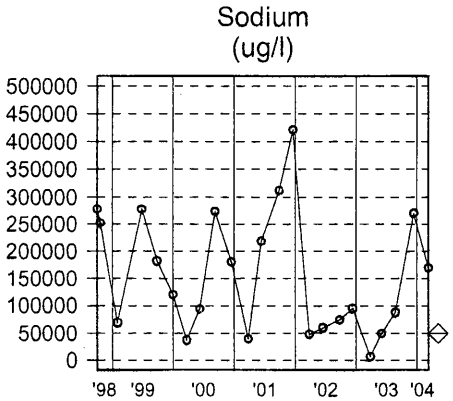
Silver in blank > Criteria, sample date 6/97.

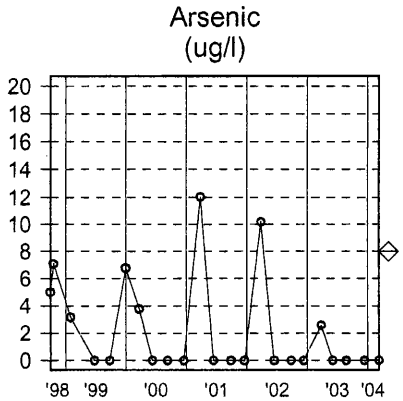
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

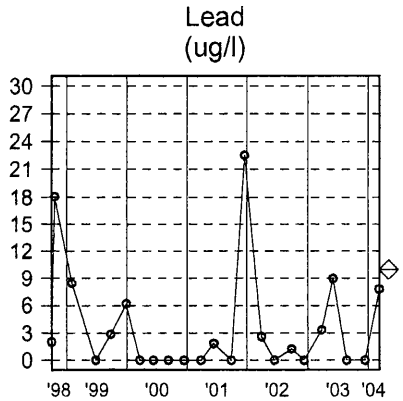


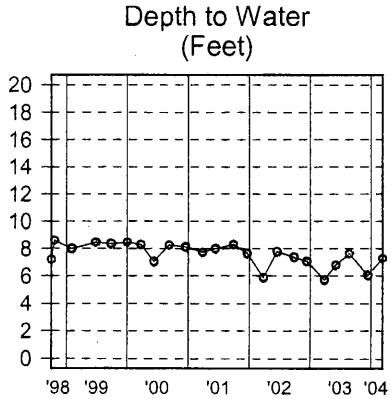












SOURCE: 00M8MW19

Sampling Dates:
09/30/1998 - 03/05/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 9 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-09-2004 \\Gar045\ENVR_Data\MtechData\M-8\M8.WSF

	Lab	Aluminum	Iron	Manganese	Sodium	Arsenic	Lead	Depth to Water			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet			-
NJDEP Criteria:	-	200	300	50	50000	8	10	-			-
09/30/1998	FMETL	1560	10100	242	802000	5	ND	8.36			V,S,P,M
10/21/1998	FMETL	2470	8360	231	595000	2.91	4.67	8.10			V,S,P,M
01/27/1999	FMETL	3190	28400	189	575000	ND	11.4	7.30			V,S,P,M
06/22/1999	FMETL	4110	10600	196	587000	ND	9.90	7.76			V,S,P,M
09/23/1999	FMETL	590	10300	235	990000	ND	2.97	7.36			V,S,P,M
12/28/1999	FMETL	4520	22200	84.1	412000	2.85	19.5	7.74			V,S,P,M
03/15/2000	FMETL	418	5770	201	240000	ND	ND	7.45			V,S,P,M
06/05/2000	FMETL	66.8	2740	15.6	355000	ND	2.78	6.76			V,S,P,M
09/06/2000	FMETL	678	5280	96.1	668000	2.31	ND	7.37			V,S,P,M
12/13/2000	FMETL	426	5090	64.3	601000	ND	ND	8.37			V,S,P,M
03/20/2001	FMETL	260	6280	84.7	436000	11.0	ND	7.36			V,S,P,M
06/08/2001	FMETL	598	7760	42.4	515000	4.32	4.74	7.22			V,S,P,M
09/24/2001	FMETL	1570	14400	64.6	707000	ND	3.35	7.64			V,S,P,M
12/17/2001	FMETL	315	6800	13.2	417000	ND	1.85	7.12			V,S,P,M
03/21/2002	FMETL	546	4130	21.8	476000	4.50	ND	6.27			V,S,P,M
06/11/2002	FMETL	158	2870	12.5	379000	ND	ND	7.03			V,S,P,M
09/23/2002	FMETL	721	8500	56.6	665000	ND	ND	7.06			V,S,P,M
12/10/2002	FMETL	120	2420	23.1	378000	ND	ND	6.76			V,S,P,M
03/21/2003	FMETL	135	4590	42.9	352000	ND	ND	6.60			V,S,P,M
05/30/2003	FMETL	165	3500	10.1	255000	ND	ND	6.81			V,S,P,M
08/22/2003	FMETL	485	4190	15.3	363000	ND	1.02	7.30			V,S,P,M
12/12/2003	FMETL	808	8370	27.0	348000E	2.92	2.87	7.20			V,S,P,M
03/05/2004	FMETL	278	5370	11.6	380000E	ND	ND	7.00			V,S,P,M

SOURCE: 00M8MW20

Sampling Dates:
09/30/1998 - 03/05/2004

NOTES:

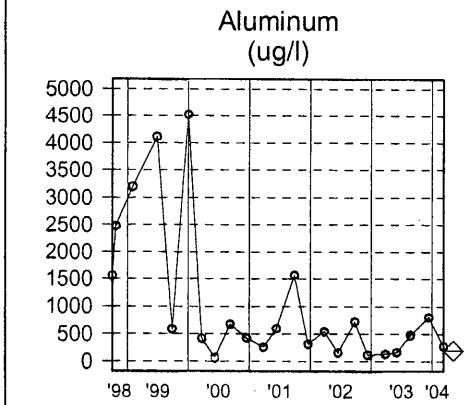
FORT MONMOUTH

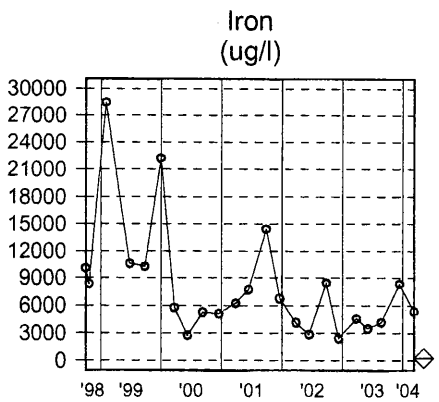
GW MONITORING
M-8 Bldg 697

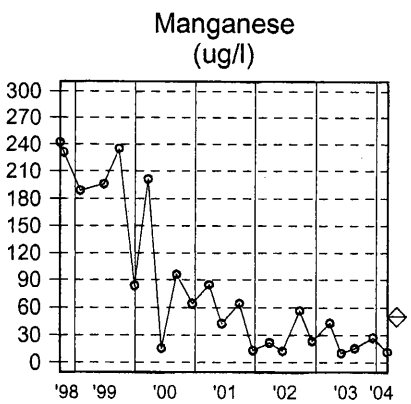
Source 10 of 14

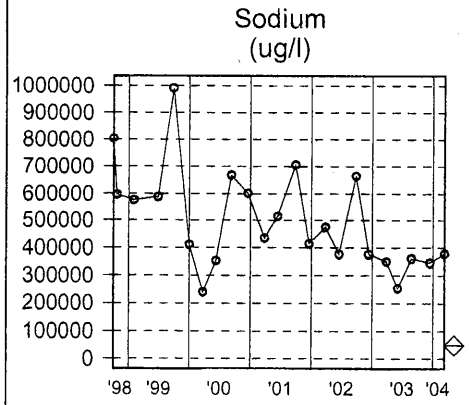
Silver in blank > Criteria, sample date 6/97.

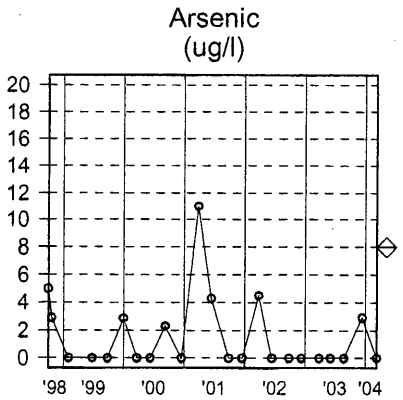
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

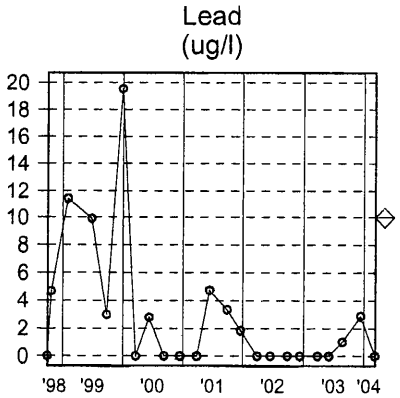


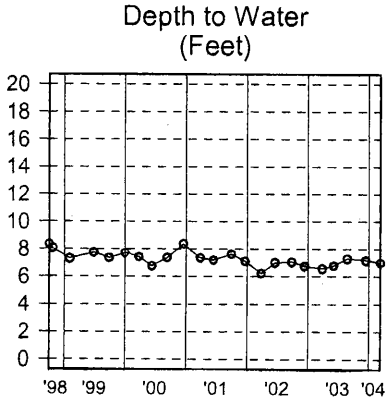












SOURCE: 00M8MW20

Sampling Dates:
09/30/1998 - 03/05/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 10 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-09-2004 \\Gar045\ENVR_Data\MtechData\M-8\M8.WSF

	Lab	Aluminum	Iron	Manganese	Sodium	Arsenic	Lead	Depth to Water			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet			-
NJDEP Criteria:	-	200	300	50	50000	8	10	-			-
09/30/1998	FMETL	3040	50800	947	5660000	9.00	ND	6.78			V,S,P,M
10/21/1998	FMETL	1530	31700	671	4840000	7	ND	6.87			V,S,P,M
01/27/1999	FMETL	2280	23000	183	1210000	2.27	5.14	6.19			V,S,P,M
06/22/1999	FMETL	3270	38900	289	2730000	6.17	ND	6.51			V,S,P,M
09/23/1999	FMETL	1820	23100	385	2750000	3.86	4.45	6.25			V,S,P,M
12/28/1999	FMETL	2310	8020	98.2	601000	ND	11.5	6.46			V,S,P,M
03/15/2000	FMETL	2390	12400	59.2	334000	4.49	3.27	6.36			V,S,P,M
06/05/2000	FMETL	225	3680	83.1	683000	ND	ND	5.68			V,S,P,M
09/06/2000	FMETL	910	23400	128	1450000	4.03	8.66	6.30			V,S,P,M
12/13/2000	FMETL	418	17800	138	1340000	ND	ND	6.67			V,S,P,M
03/20/2001	FMETL	3240	15000	52.4	665000	11.0	ND	6.19			V,S,P,M
06/08/2001	FMETL	607	14000	184	700000	ND	4.57	6.37			V,S,P,M
09/24/2001	FMETL	1180	41000	256	2000000	ND	5.87	6.48			V,S,P,M
12/17/2001	FMETL	703	66800	308	3220000	4.19	6.92	5.23			V,S,P,M
03/21/2002	FMETL	1190	3240	11.0	161000	ND	4.01	6.13			V,S,P,M
06/11/2002	FMETL	731	5290	72.0	570000	ND	1.22	6.04			V,S,P,M
09/23/2002	FMETL	547	25800	132	1730000	ND	3.06	5.53			V,S,P,M
12/10/2002	FMETL	278	4470	70.2	785000	ND	ND	5.31			V,S,P,M
03/21/2003	FMETL	869	2600	11.8	314000	ND	1.50	5.98			V,S,P,M
05/30/2003	FMETL	913	3590	20.2	419000	ND	1.59	6.21			V,S,P,M
08/22/2003	FMETL	659	6420	126	357000E	7.70	6.99	6.31			V,S,P,M
12/12/2003	FMETL	1100	5070	77.3	294000E	ND	4.78	5.95			V,S,P,M
03/05/2004	FMETL	1530	4550	13.4	373000E	ND	ND	8.16			V,S,P,M

SOURCE: 00M8MW21

Sampling Dates:
09/30/1998 - 03/05/2004

NOTES:

Well installed 9/98.

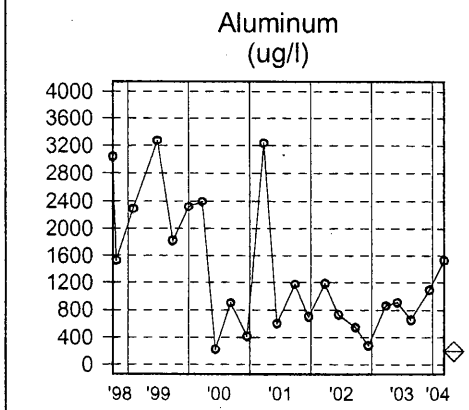
FORT MONMOUTH

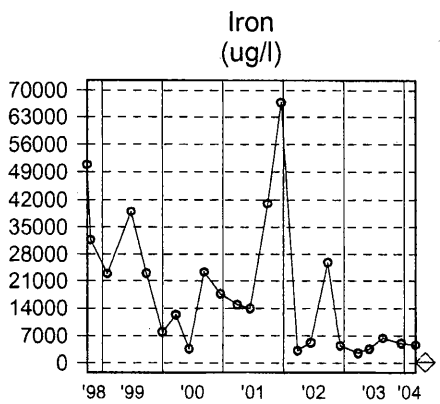
GW MONITORING
M-8 Bldg 697

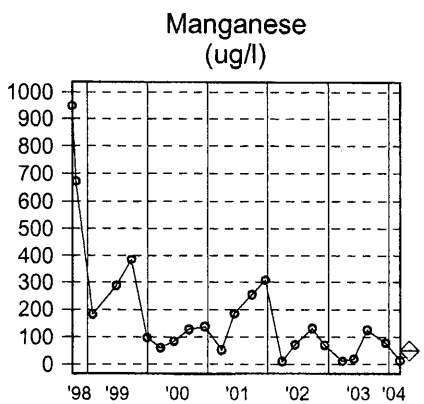
Source 11 of 14

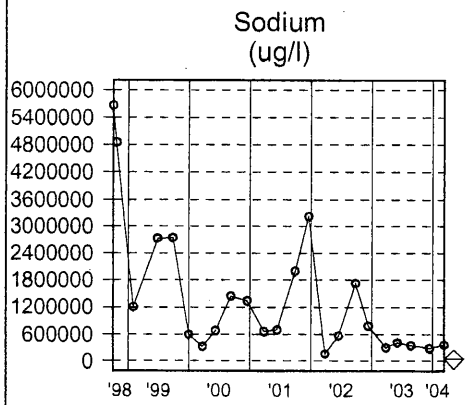
Silver in blank > Criteria, sample date 6/97.

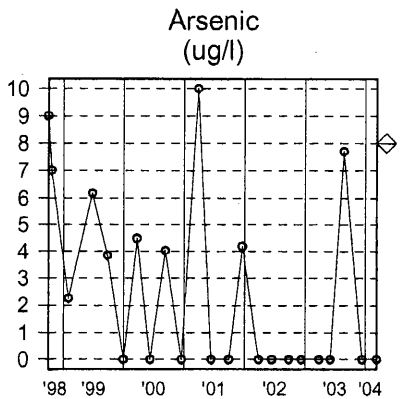
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

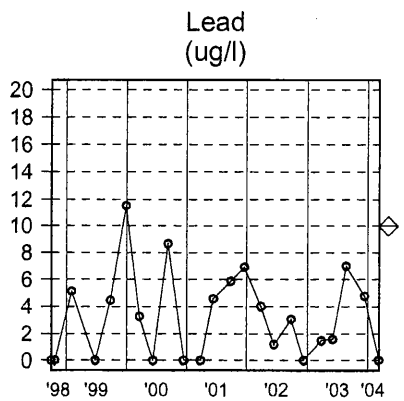


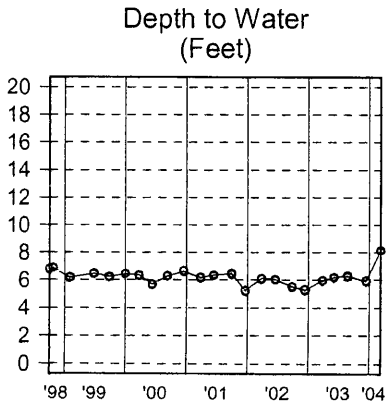












SOURCE: 00M8MW21

Sampling Dates:
09/30/1998 - 03/05/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 11 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-09-2004 \\Gar045\ENVR_Data\MtechData\M-8\M8.WSF

	Lab	Aluminum	Iron	Manganese	Sodium	Arsenic	Lead	Depth to Water			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet			-
NJDEP Criteria:	-	200	300	50	50000	8	10	-			-
09/30/1998	FMETL	2800	87800	1870	4820000	13	ND	8.11			V,S,P,M
10/21/1998	FMETL	3230	59800	1290	3790000	7.05	6.8	7.61			V,S,P,M
01/27/1999	FMETL	2370	18900	301	882000	ND	7.85	6.41			V,S,P,M
06/22/1999	FMETL	2860	20800	726	2740000	ND	15.5	6.95			V,S,P,M
09/23/1999	FMETL	3860	18400	601	3300000	ND	70.7	6.29			V,S,P,M
12/28/1999	FMETL	130	128	230	1140000	ND	4.34	6.37			V,S,P,M
03/15/2000	FMETL	870	4440	366	575000	ND	12.7	6.50			V,S,P,M
06/05/2000	FMETL	789	324	394	631000	ND	2.34	6.61			V,S,P,M
09/06/2000	FMETL	1170	2920	302	1030000	ND	10.2	6.47			V,S,P,M
12/13/2000	FMETL	1200	3000	455	1240000	ND	8.69	6.79			V,S,P,M
03/20/2001	FMETL	1080	3930	272	470000	12.0	11.0	6.63			V,S,P,M
06/08/2001	FMETL	383	1540	214	452000	3.79	2.67	6.34			V,S,P,M
09/24/2001	FMETL	4380	15700	1110	2030000	ND	51.2	6.79			V,S,P,M
09/24/2001D	FMETL	4680	15500	1130	2020000	2.22	55.4	6.79			V,S,P,M
12/17/2001	FMETL	2490	13000	1440	2360000	ND	24.9	5.72			V,S,P,M
03/21/2002	FMETL	1450	3760	1340	300000	2.42	6.62	6.35			V,S,P,M
06/11/2002	FMETL	842	1720	785	439000	ND	2.23	6.34			V,S,P,M
09/23/2002	FMETL	2580	9870	628	1790000	ND	11.3	8.04			V,S,P,M
12/10/2002	FMETL	37.8	70200	597	2060000	ND	1.67	7.77			V,S,P,M
03/21/2003	FMETL	147	2420	420	490000	ND	1.63	6.31			V,S,P,M
05/30/2003	FMETL	237	2060	255	382000	ND	2.80	6.25			V,S,P,M
12/12/2003	FMETL	625	20500	493	834000E	3.87	2.69	6.17			V,S,P,M
03/05/2004	FMETL	549	75200	136	645000	13.5	8.67	6.20			V,S,P,M

SOURCE: 00M8MW22

Sampling Dates:
09/30/1998 - 03/05/2004

NOTES:

Well installed 9/98.

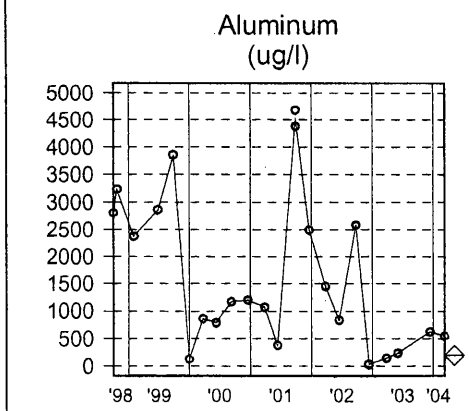
FORT MONMOUTH

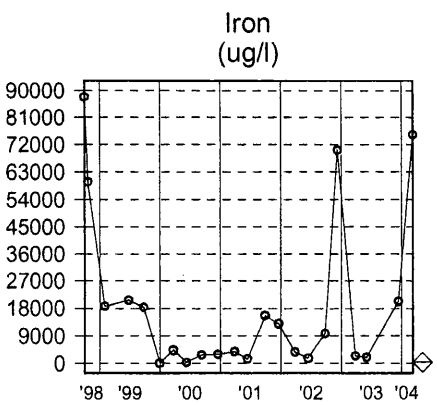
GW MONITORING
M-8 Bldg 697

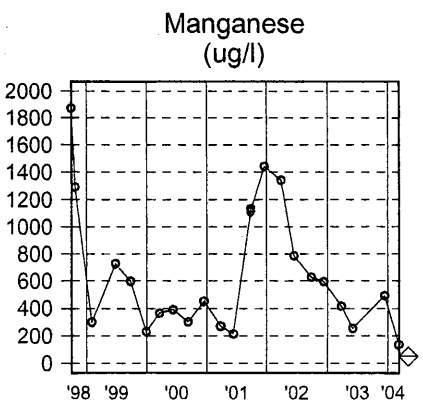
Source 12 of 14

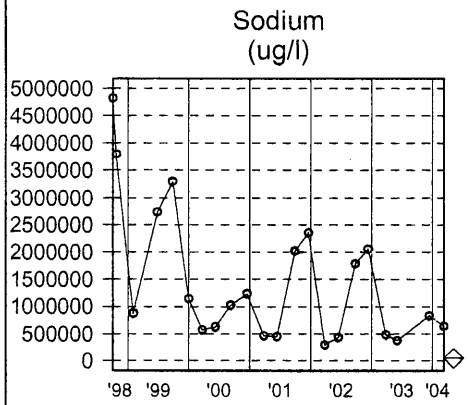
Silver in blank > Criteria, sample date 6/97.

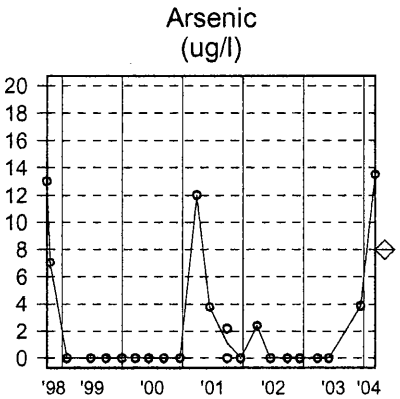
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

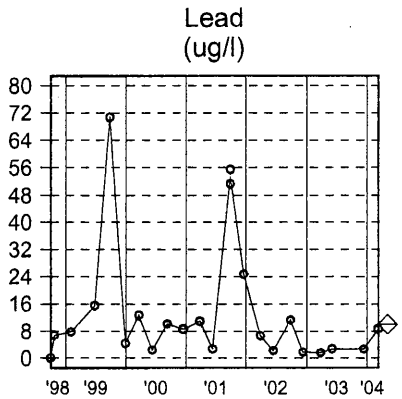


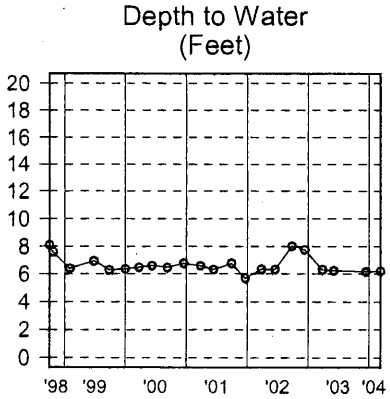












SOURCE: 00M8MW22

Sampling Dates:
09/30/1998 - 03/05/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 12 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-09-2004 \\Gar045\ENVR_Data\MtechData\M-8\M8.WSF

	Lab	cis-1,2-Di chloro ethene	Aluminum	Iron	Manganese	Sodium	Arsenic	Lead	Trichloro ethene	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	10	200	300	50	50000	8	10	1	-	-
04/14/1999	FMETL	ND	8440	27700	1720	19200	26.4	464	ND	8.65	V,S,P,M
04/28/1999	FMETL	2.74	150	1940	787	28200	15.8	8.1	ND	8.88	V,S,P,M
09/23/1999	FMETL	6.44	27.6	5290	1280	46900	3.47	5.92	1.94	8.85	V,S,P,M
12/28/1999	FMETL	ND	71.6	910	986	28900	ND	3.82	ND	8.75	V,S,P,M
03/15/2000	FMETL	5.47	63.0	2580	748	30600	2.61	ND	2.70	8.58	V,S,P,M
06/05/2000	FMETL	ND	15.1	203	1800	23000	ND	3.06	ND	8.81	V,S,P,M
09/06/2000	FMETL	6.81	110	3880	1020	46100	ND	2.79	ND	8.71	V,S,P,M
12/13/2000	FMETL	10.99	ND	5180	739	36600	ND	3.94	ND	9.01	V,S,P,M
03/20/2001	FMETL	3.92	ND	2650	585	20600	12.0	7.00	ND	8.37	V,S,P,M
03/20/2001D	FMETL	3.85	40.0	2930	671	23600	6.00	3.00	1.66	8.37	V,S,P,M
06/08/2001	FMETL	8.29	46.6	6260	2280	23300	3.41	12.2	ND	8.85	V,S,P,M
09/24/2001	FMETL	16.42	139	6650	1600	46300	3.87	13.5	ND	9.15	V,S,P,M
12/17/2001	FMETL	18.47	292	8300	1400	80200	6.74	33.5	ND	5.23	V,S,P,M
03/21/2002	FMETL	6.85	394	4900	640	41100	4.93	9.98	1.20	8.83	V,S,P,M
06/11/2002	FMETL	15.89	490	12300	2080	27300	ND	21.9	ND	8.83	V,S,P,M
09/23/2002	FMETL	5.86	62.4	7410	548	25800	2.43	4.00	ND	8.85	V,S,P,M
12/10/2002	FMETL	5.78	45.8	17100	2190	27700	ND	ND	ND	7.61	V,S,P,M
03/21/2003	FMETL	ND	524	3190	70.2	6130	3.17	32.4	ND	8.11	V,S,P,M
05/30/2003	FMETL	1.01	500	3370	160	7460	ND	2.76	ND	8.22	V,S,P,M
08/22/2003	FMETL	11.74	599	4110	430	15100	10.1	42.6	ND	8.80	V,S,P,M
12/30/2003	FMETL	0.47	305	2050	231	7510	9.69	10.7	ND	8.10	V,S,P,M
03/09/2004	FMETL	2.12	714	3010	302	26800	ND	9.80	ND	8.68	V,S,P,M

SOURCE: 00M8MW23

Sampling Dates:
04/14/1999 - 03/09/2004

NOTES:

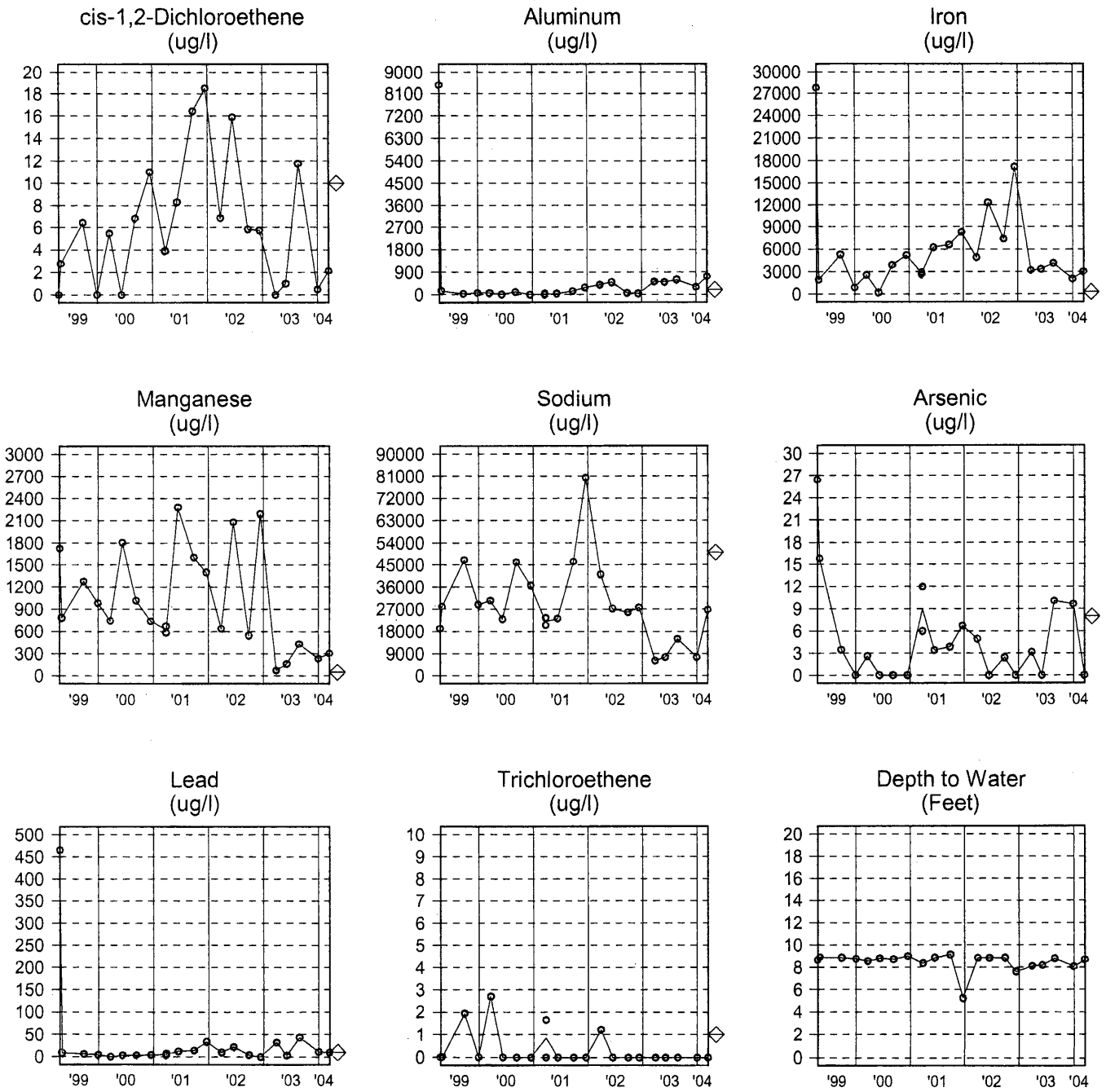
FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 13 of 14

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 00M8MW23

Sampling Dates:
04/14/1999 - 03/09/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 13 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-09-2004 \\Gar045\ENVR_Data\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Benzene	Iron	Manganese	Sodium	Lead	Depth to Water			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet			-
NJDEP Criteria:	-	4	1	300	50	50000	10	-			-
04/14/1999	FMETL	ND	ND	13100	885	15400	50.5	17.96			V,S,P,M
04/28/1999	FMETL	ND	ND	13500	1260	29600	385	18.64			V,S,P,M
09/23/1999	FMETL	1.01	ND	36600	1500	59600	27.1	18.22			V,S,P,M
03/15/2000	FMETL	1.99	1.67	7840	110	21400	ND	19.20			V,S,P,M
03/15/2000D	FMETL	1.68	1.39	7880	105	20500	ND	19.20			V,S,P,M
06/05/2000	FMETL	2.74	1.35	7150	103	24000	5.61	19.46			V,S,P,M
09/06/2000	FMETL	2.91	1.49	7450	78.6	26800	ND	19.00			V,S,P,M
12/26/2000	FMETL	1.37	ND	3130	42.6	10100	ND	20.35			V,S,P,M
03/31/2001	FMETL	39.77	3.97	30600	461	92800	25.0	18.22			V,S,P,M
03/31/2001D	FMETL	38.86	3.82	30100	468	ND	19.0	18.22			V,S,P,M
06/23/2001	FMETL	1.70	ND	11300	87.6	32000	ND	18.92			V,S,P,M
06/23/2001D	FMETL	1.64	ND	10500	83.4	29600	ND	18.92			V,S,P,M
09/24/2001	FMETL	2.80	1.28	22200	179	57500	4.76	9.76			V,S,P,M
12/10/2001	FMETL	1.94	1.40	12700	93.1	34500	2.37	19.71			V,S,P,M
03/27/2002	FMETL	ND	ND	6080	55.9	21500	ND	17.61			V,S,P,M
06/22/2002	FMETL	1.78	1.33	8000	66.0	24400	ND	17.91			V,S,P,M
09/26/2002	FMETL	2.51	ND	13900	90.5	45500	ND	19.50			V,S,P,M
12/13/2002	FMETL	1.42	ND	7989	56.1	23300	ND	19.09			V,S,P,M
03/20/2003	FMETL	5.00	ND	10400	88.8	42100	ND	19.06			V,S,P,M
06/25/2003	FMETL	3.02	ND	12200	87.2	44700	1.36	15.23			V,S,P,M
09/08/2003	FMETL	2.15	1.08	10800	79.2	35000	1.28	13.21			V,S,P,M
11/21/2003	FMETL	1.45	0.65	7640	62.0	24500	ND	19.03			V,S,P,M
02/25/2004	FMETL	3.11	1.20	13000	103	49500	ND	19.71			V,S,P,M

SOURCE: 00M8MW24

Sampling Dates:
04/14/1999 - 02/25/2004

NOTES:

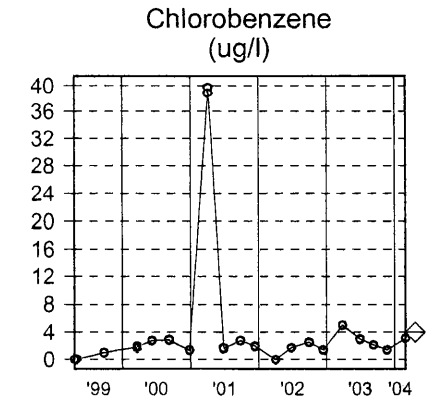
FORT MONMOUTH

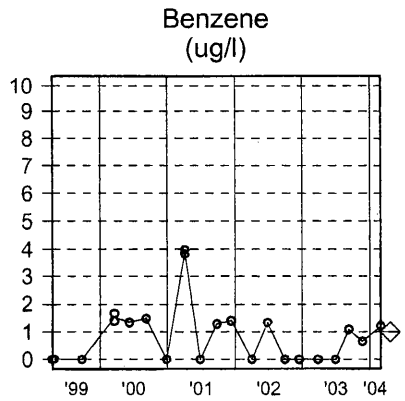
GW MONITORING
M-8 Bldg 697

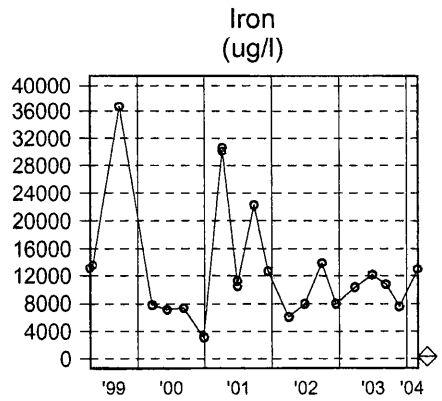
Source 14 of 14

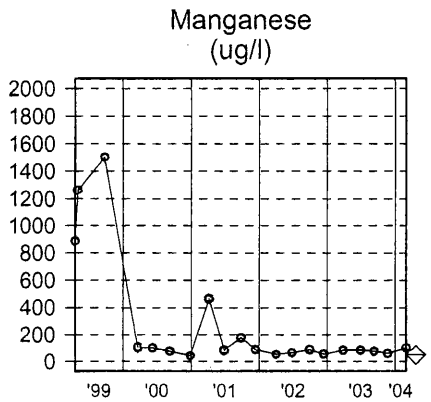
Silver in blank > Criteria, sample date 6/97.

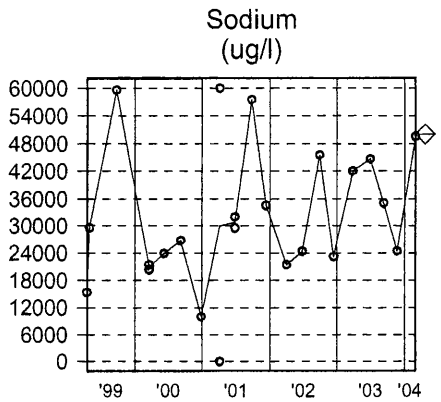
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

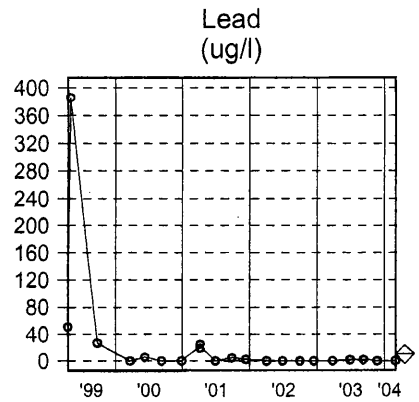


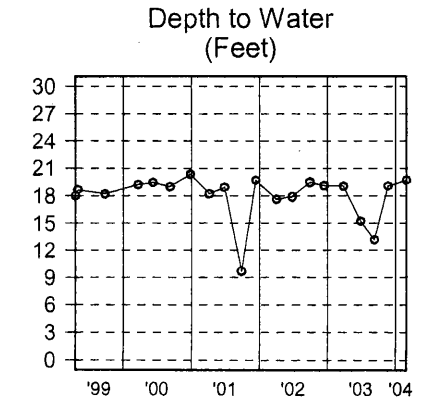












SOURCE: 00M8MW24

Sampling Dates:
04/14/1999 - 02/25/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 14 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-09-2004 \\Gar045\ENVR_Data\MtechData\M-8\M8.WSF

	Lab	Tetra chloro ethene	Aluminum	Iron	Manganese	Sodium	Depth to Water				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	Feet				-
NJDEP Criteria:	-	1	200	300	50	50000	-				-
08/27/1997	FMETL	ND	340	10520	59	22850	13.15				V,S,P,M
10/29/1997	FMETL	ND	99	2331	24	20150	13.35				V,S,P,M
02/26/1998	FMETL	ND	418	1617	23.1	18570	11.26				V,S,P,M
06/04/1998	FMETL	ND	63	1666	16.5	15120	12.12				V,S,P,M
08/28/1998	FMETL	5.56	218	2360	11	15200	13.54				V,S,P,M
11/04/1998	FMETL	1.18	52	825	11.8	19300	14.09				V,S,P,M
01/27/1999	FMETL	ND	ND	310	20.8	17400	12.27				V,S,P,M
06/22/1999	FMETL	ND	ND	278	9.50	15900	13.23				V,S,P,M
09/23/1999	FMETL	ND	ND	903	14.0	16400	12.88				V,S,P,M
12/28/1999	FMETL	ND	ND	894	3690	17700	12.55				V,S,P,M
03/15/2000	FMETL	ND	33.3	589	25.2	13500	12.27				V,S,P,M
06/05/2000	FMETL	ND	ND	1050	19.2	18500	12.72				V,S,P,M
09/06/2000	FMETL	ND	35.8	1640	22.0	23300	12.49				V,S,P,M
12/13/2000	FMETL	ND	ND	970	20.9	26800	13.00				V,S,P,M
03/20/2001	FMETL	ND	140	1690	20.4	24200	12.13				V,S,P,M
06/08/2001	FMETL	ND	17.6	102	23.3	19600	8.62				V,S,P,M
09/24/2001	FMETL	ND	191	2030	57.3	49100	13.47				V,S,P,M
12/17/2001	FMETL	ND	609	7360	43.1	35800	14.10				V,S,P,M
03/21/2002	FMETL	ND	49.0	1410	22.0	26200	13.11				V,S,P,M
06/11/2002	FMETL	ND	79.1	5310	20.9	27200	12.83				V,S,P,M
09/23/2002	FMETL	ND	103	2150	15.3	15900	13.80				V,S,P,M
12/13/2002	FMETL	ND	36.8	1060	45.9	40600	11.17				V,S,P,M
03/21/2003	FMETL	ND	292	8220	23.9	30100	11.80				V,S,P,M
05/30/2003	FMETL	ND	381	7090	17.7	33100	12.05				V,S,P,M
08/22/2003	FMETL	1.25	195	2590	24.9	44200	12.77				V,S,P,M
12/30/2003	FMETL	1.40	1090	7900	18.3	44100	12.04				V,S,P,M
03/09/2004	FMETL	ND	ND	1280	10.1	33300	12.70				V,S,P,M

SOURCE: 0697MW01

Sampling Dates:
08/27/1997 - 03/09/2004

NOTES:

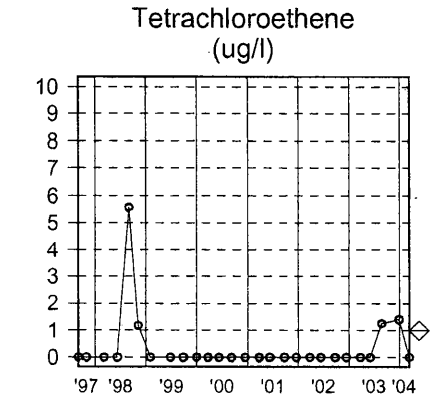
FORT MONMOUTH

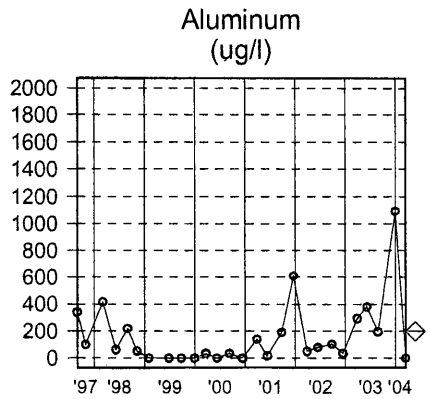
GW MONITORING
M-8 Bldg 697

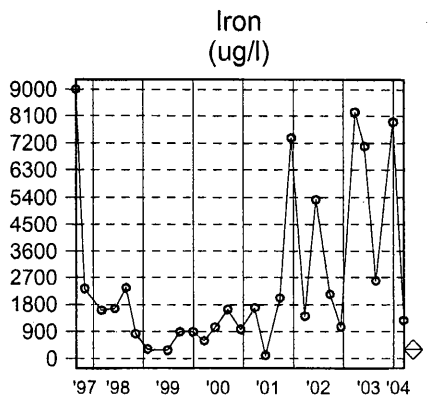
Source 5 of 14

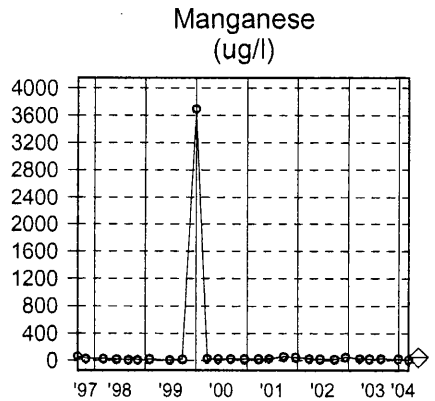
Silver in blank > Criteria, sample date 6/97.

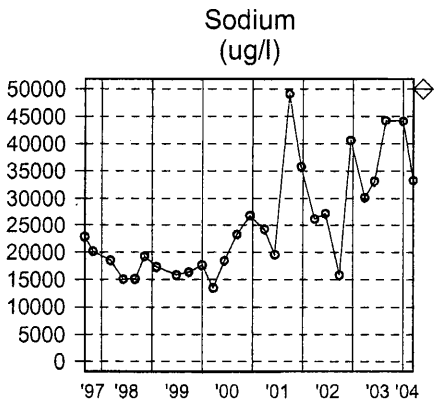
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

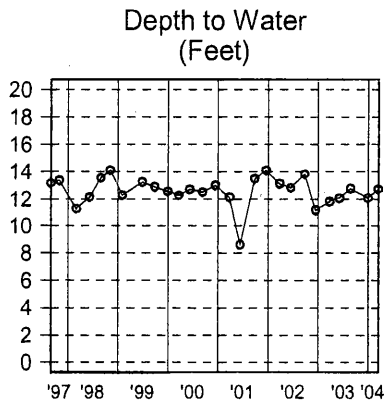












SOURCE: 0697MW01

Sampling Dates:
08/27/1997 - 03/09/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 5 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-09-2004 \\Gar045\ENVR_Data\MtechData\M-8\M8.WSF

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: M-8, Bldg. 697

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
4049404	00M8MW12	29-32560	06/28/04
4049405	00M8MW13	29-32561	06/28/04
4049406	00M8MW14	29-32562	06/28/04
4049407	00M8MW15	29-32563	06/28/04
4049408	00M8MW16	29-39146	06/28/04
4049409	00M8MW17	29-39147	06/28/04
4049410	00M8MW18	29-39148	06/28/04
4049411	00M8MW19	29-39149	06/28/04
4049412	00M8MW20	29-39150	06/28/04
4049413	00M8MW21	29-39151	06/28/04
4049414	00M8MW22	29-39152	06/28/04
4049416	0697MW01	29-31778	06/28/04
4049415	00M8MW23	29-40128	06/28/04
4049901	00M8MW24	29-41724	06/28/04

NJDEP Laboratory Certification # 13461

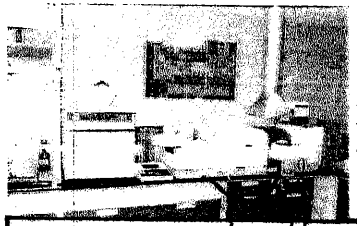
9-7-04

Daniel Wright/Date:
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B
TARGET COMPOUND LIST	Federal Register 40 CFR Part 136 Appendix A
Base/Neutrals and Acid Extractables by GC/MS	625
Purgeable Organcis by GC/MS	624
Pesticides and PCB's by GC	608



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: 532-6243
( )DERA ( )OMA ( )Other:_____

Project No:
Location: M8 wells
2nd Qrtr 04

Samplers Name / Company: Corey McCormach, TVS

Analysis Parameters: VOC+15 | TAL MTLS | Pest / PCB | BNA+25 | | | | Hnu Read

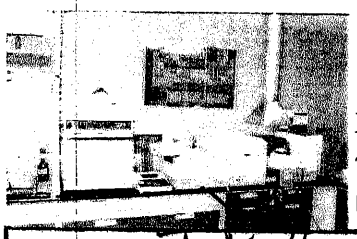
Comments: HCL / HNO_3 / L4°C

LIMS/Work Order #		Sample Location	Date	Time	Sample Type	# bottles	VOC+15	TAL MTLS	Pest / PCB	BNA+25				Hnu Read	Remarks / Preservation Method
40494	01	Trip	6/28/04	0739	AQ	2	✓							1	
	02	Field Blank		0800		5	✓	✓	✓	✓				1	
	03	Dupe		—		5	✓	✓	✓	✓				1	
	04	M8MW12 *		1521		5	✓	✓	✓	✓				0.0	29-32560
	05	M8MW13		1156			✓	✓	✓	✓				0.0	29-32561
	06	M8MW14		1116			✓	✓	✓	✓				0.0	29-32562
	07	M8MW15		0952			✓	✓	✓	✓				0.0	29-32563
	08	M8MW16		0907			✓	✓	✓	✓				0.0	29-39146
	09	M8MW17		0843			✓	✓	✓	✓				0.0	29-39147
	10	M8MW18		1040			✓	✓	✓	✓				0.0	29-39148
	11	M8MW19		1046			✓	✓	✓	✓				0.0	29-39149
	12	M8MW20		1124			✓	✓	✓	✓				0.0	29-39150
	13	M8MW21		1207			✓	✓	✓	✓				0.0	29-39151
	14	M8MW22		1242			✓	✓	✓	✓				0.0	29-39152

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormach	6/28/04 1530	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (✓)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (✓)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks:
Tide: L Only VOA required JH 9/9/04



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: 732 222 3
( )DERA ( )OMA ( )Other:

Project No:
Location: M8 wells
2nd Qtr '04

Samplers Name / Company: Corey McCormack, TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOTIS	TAL MTLS	Pest / PCB	BNA 625				Hex Chrom	Remarks / Preservation Method
40414 15	M8MW23	6/28/04	1401	AQ	5	✓	✓	✓	✓				0.9	29-40128
16	697 MW01	1	0912	1	1	✓	✓	✓	✓	JH 9/2/04			0.0	29-31776

Comments: MCL/HNO3/<4°C

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	6/28/04 1530	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X) Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (X) Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks:
Tide: L Only VOA required JH 9/2/04

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: 426223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: MG wells
2nd Qtr '04 LOFLO

Samplers Name / Company: Corey McCormack, TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOTHS	TAL mtls	Pest/PCB	BNA+DS				Hex Chrom	Remarks / Preservation Method
404499 a	MGMW24	6/28/04	0921	AQ	5	✓	✓	✓	✓	JH	9/2/04		0.0	29-41724

Comments: HCl/HNO3 /4°C

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	6/28/04 1520	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (✓)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (✓)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____Hrs.

Remarks: Tide: L Only VOA required by lowflow CPM JH 9/2/04

LTM Depth to Water

Location: M8
Date: 06/28/04

Well	NJDEP Well ID	Depth of Well Feet	Well Diameter Inch	Depth to Water Feet
M8MW12	29-32560	17.25	4	9.54
M8MW13	29-32561	18.82	4	6.75
M8MW14	29-32562	16.99	40	8.15
M8MW15	29-32563	16.51	40	5.76
M8MW16	29-39146	15.5	2	8.78
M8MW17	29-39147	15.4	2	6.48
M8MW18	29-39148	16.55	2	6.89
M8MW19	29-39149	17.5	2	7.83
M8MW20	29-39150	17.35	2	7.29
M8MW21	29-39151	15.75	2	6.37
M8MW22	29-39152	18	2	6.94
M8MW23	29-40128	16.72	4	8.98
M8MW24	29-41724	46.32	4	19.49
697MW01	29-31776	19.8	4	12.93

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW12
NJDEP ID #: 29-32560
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 06/28/04
WEATHER: Sunny and hot.
TIDE: Low

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 9.54 ft
DEPTH OF WELL: 17.25 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.71 ft
(7.71) X .65 X 3 =15.03
GALLONS OF H_2O TO BE PURGED: 15 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 14:15
pH 6.39 su — TEMP 17.99 °C
DISSOLVED O_2 3.40 mg/L — SPECIFIC CONDUCTIVITY 671.0 µs/cm

PURGE END TIME: 15:20
pH 6.27 su — TEMP 16.38 °C
DISSOLVED O_2 2.11 mg/L — SPECIFIC CONDUCTIVITY 541.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.21 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 15 gal

SAMPLE START TIME: 15:21
pH 6.26 su — TEMP 16.37 °C
DISSOLVED O_2 2.10 mg/L — SPECIFIC CONDUCTIVITY 543.0 µs/cm

SAMPLE END TIME: 15:26

COMMENTS: DUP. Here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW13
NJDEP ID #: 29-32561
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 06/28/04
WEATHER: Sunny and hot.
TIDE: Low

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 6.75 ft
DEPTH OF WELL: 18.82 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 12.09 ft
(12.09) X .65 X 3 =23.53
GALLONS OF H_2O TO BE PURGED: 24 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:11
pH 7.03 su — TEMP 17.89 °C
DISSOLVED O_2 2.41 mg/L — SPECIFIC CONDUCTIVITY 279.0 µs/cm

PURGE END TIME: 11:55
pH 7.05 su — TEMP 16.31 °C
DISSOLVED O_2 1.76 mg/L — SPECIFIC CONDUCTIVITY 187.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.30 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 24 gal

SAMPLE START TIME: 11:56
pH 7.06 su — TEMP 16.30 °C
DISSOLVED O_2 1.77 mg/L — SPECIFIC CONDUCTIVITY 186.0 µs/cm

SAMPLE END TIME: 12:01

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW14
NJDEP ID #: 29-32562
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 06/28/04
WEATHER: Sunny and hot.
TIDE: Low

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 8.15 ft
DEPTH OF WELL: 16.69 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.54 ft
(8.54) X .65 X 3 =16.65
GALLONS OF H_2O TO BE PURGED: 17 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:01
pH 7.12 su — TEMP 17.91 °C
DISSOLVED O_2 3.41 mg/L — SPECIFIC CONDUCTIVITY 1200.0 µs/cm

PURGE END TIME: 11:15
pH 7.07 su — TEMP 16.30 °C
DISSOLVED O_2 2.17 mg/L — SPECIFIC CONDUCTIVITY 1163.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.76 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 17 gal

SAMPLE START TIME: 11:16
pH 7.07 su — TEMP 16.33 °C
DISSOLVED O_2 2.17 mg/L — SPECIFIC CONDUCTIVITY 1162.0 µs/cm

SAMPLE END TIME: 11:21

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW15
NJDEP ID #: 29-32563
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 06/28/04
WEATHER: Sunny and hot.
TIDE: Low

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 5.76 ft
DEPTH OF WELL: 16.51 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.75 ft
(10.75) X .65 X 3 =21.02
GALLONS OF H_2O TO BE PURGED: 21 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:20
pH 7.03 su — TEMP 16.79 °C
DISSOLVED O_2 3.64 mg/L — SPECIFIC CONDUCTIVITY 192.0 µs/cm

PURGE END TIME: 09:51
pH 6.87 su — TEMP 16.27 °C
DISSOLVED O_2 2.09 mg/L — SPECIFIC CONDUCTIVITY 1710.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 5.93 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 21 gal

SAMPLE START TIME: 09:52
pH 6.88 su — TEMP 16.26 °C
DISSOLVED O_2 2.03 mg/L — SPECIFIC CONDUCTIVITY 170.0 µs/cm

SAMPLE END TIME: 09:57

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW16
NJDEP ID #: 29-39146
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 06/28/04
WEATHER: Sunny and hot.
TIDE: Low

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 8.78 ft
DEPTH OF WELL: 15.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 6.72 ft
(6.72) X .163 X 3 =3.28
GALLONS OF H_2O TO BE PURGED: 3 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:53
pH 6.90 su — TEMP 16.71 °C
DISSOLVED O_2 3.70 mg/L — SPECIFIC CONDUCTIVITY 1370.0 µs/cm

PURGE END TIME: 09:06
pH 6.91 su — TEMP 16.41 °C
DISSOLVED O_2 2.21 mg/L — SPECIFIC CONDUCTIVITY 1127.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.59 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 3 gal

SAMPLE START TIME: 09:07
pH 6.91 su — TEMP 16.40 °C
DISSOLVED O_2 2.19 mg/L — SPECIFIC CONDUCTIVITY 1127.0 µs/cm

SAMPLE END TIME: 09:12

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW17
NJDEP ID #: 29-39147
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 06/28/04
WEATHER: Sunny and hot.
TIDE: Low

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 6.48 ft
DEPTH OF WELL: 15.40 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.92 ft
(8.92) X .163 X 3 =4.36
GALLONS OF H_2O TO BE PURGED: 4 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:25
pH 7.39 su — TEMP 17.04 °C
DISSOLVED O_2 3.60 mg/L — SPECIFIC CONDUCTIVITY 1970.0 µs/cm

PURGE END TIME: 08:42
pH 7.24 su — TEMP 15.29 °C
DISSOLVED O_2 2.60 mg/L — SPECIFIC CONDUCTIVITY 1824.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.37 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 4 gal

SAMPLE START TIME: 08:43
pH 7.25 su — TEMP 16.41 °C
DISSOLVED O_2 2.57 mg/L — SPECIFIC CONDUCTIVITY 1822.0 µs/cm

SAMPLE END TIME: 08:48

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW18
NJDEP ID #: 29-39148
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 06/28/04
WEATHER: Sunny and hot.
TIDE: Low

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 6.89 ft
DEPTH OF WELL: 16.55 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.66 ft
(9.66) X .163 X 3 =4.72
GALLONS OF H_2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:16
pH 7.21 su — TEMP 16.71 °C
DISSOLVED O_2 4.10 mg/L — SPECIFIC CONDUCTIVITY 204.0 µs/cm

PURGE END TIME: 10:39
pH 7.11 su — TEMP 16.21 °C
DISSOLVED O_2 2.39 mg/L — SPECIFIC CONDUCTIVITY 173.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.71 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 10:40
pH 7.12 su — TEMP 16.20 °C
DISSOLVED O_2 2.30 mg/L — SPECIFIC CONDUCTIVITY 171.0 µs/cm

SAMPLE END TIME: 10:45

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW19
NJDEP ID #: 29-39149
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 06/28/04
WEATHER: Sunny and hot.
TIDE: Low

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 7.83 ft
DEPTH OF WELL: 17.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.67 ft
(9.67) X .163 X 3 =4.72
GALLONS OF H_2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:21
pH 7.10 su — TEMP 17.25 °C
DISSOLVED O_2 3.15 mg/L — SPECIFIC CONDUCTIVITY 976.0 µs/cm

PURGE END TIME: 10:43
pH 7.03 su — TEMP 16.30 °C
DISSOLVED O_2 2.19 mg/L — SPECIFIC CONDUCTIVITY 941.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.37 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 10:46
pH 7.01 su — TEMP 16.31 °C
DISSOLVED O_2 2.19 mg/L — SPECIFIC CONDUCTIVITY 943.0 µs/cm

SAMPLE END TIME: 10:51

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW20
NJDEP ID #: 29-39150
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 06/28/04
WEATHER: Sunny and hot.
TIDE: Low

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 7.29 ft
DEPTH OF WELL: 17.35 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.06 ft
(10.06) X .163 X 3 =4.91
GALLONS OF H_2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:58
pH 7.09 su — TEMP 17.60 °C
DISSOLVED O_2 2.93 mg/L — SPECIFIC CONDUCTIVITY 200.0 µs/cm

PURGE END TIME: 11:20
pH 7.00 su — TEMP 16.41 °C
DISSOLVED O_2 1.41 mg/L — SPECIFIC CONDUCTIVITY 184.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.00 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 11:24
pH 7.00 su — TEMP 16.39 °C
DISSOLVED O_2 1.40 mg/L — SPECIFIC CONDUCTIVITY 183.0 µs/cm

SAMPLE END TIME: 11:29

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW21
NJDEP ID #: 29-39151
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 06/28/04
WEATHER: Sunny and hot.
TIDE: Low

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 6.37 ft
DEPTH OF WELL: 15.75 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.38 ft
(9.38) X .163 X 3 =4.58
GALLONS OF H_2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 11:35
pH 7.04 su — TEMP 16.27 °C
DISSOLVED O_2 3.24 mg/L — SPECIFIC CONDUCTIVITY 190.0 µs/cm

PURGE END TIME: 11:57
pH 7.00 su — TEMP 16.31 °C
DISSOLVED O_2 2.07 mg/L — SPECIFIC CONDUCTIVITY 178.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.14 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 12:07
pH 7.01 su — TEMP 16.30 °C
DISSOLVED O_2 2.06 mg/L — SPECIFIC CONDUCTIVITY 179.0 µs/cm

SAMPLE END TIME: 12:12

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW22
NJDEP ID #: 29-39152
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 06/28/04
WEATHER: Sunny and hot.
TIDE: Low

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 6.94 ft
DEPTH OF WELL: 18.00 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.06 ft
(11.06) X .163 X 3 =5.40
GALLONS OF H_2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 12:19
pH 7.29 su — TEMP 17.28 °C
DISSOLVED O_2 3.41 mg/L — SPECIFIC CONDUCTIVITY 579.0 µs/cm

PURGE END TIME: 12:41
pH 7.04 su — TEMP 16.39 °C
DISSOLVED O_2 2.25 mg/L — SPECIFIC CONDUCTIVITY 537.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.50 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 12:42
pH 7.05 su — TEMP 16.37 °C
DISSOLVED O_2 2.22 mg/L — SPECIFIC CONDUCTIVITY 536.0 µs/cm

SAMPLE END TIME: 12:47

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW23
NJDEP ID #: 29-40128
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 06/28/04
WEATHER: Sunny and hot.
TIDE: Low

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 8.98 ft
DEPTH OF WELL: 16.72 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.74 ft
(7.74) X .65 X 3 =15.09
GALLONS OF H_2O TO BE PURGED: 15 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.0 gpm
Hnu READING: 0.9 ppm

PURGE START TIME: 12:55
pH 6.21 su — TEMP 17.29 °C
DISSOLVED O_2 2.78 mg/L — SPECIFIC CONDUCTIVITY 510.0 µs/cm

PURGE END TIME: 14:00
pH 5.71 su — TEMP 16.51 °C
DISSOLVED O_2 1.91 mg/L — SPECIFIC CONDUCTIVITY 479.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.77 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 15 gal

SAMPLE START TIME: 14:01
pH 5.70 su — TEMP 16.50 °C
DISSOLVED O_2 1.89 mg/L — SPECIFIC CONDUCTIVITY 474.0 µs/cm

SAMPLE END TIME: 14:06

COMMENTS: Low draw down.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 0697MW01
NJDEP ID #: 29-31776
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 06/28/04
WEATHER: Sunny and hot.
TIDE: Low.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 12.93 ft
DEPTH OF WELL: 19.80 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 6.87 ft
(6.87) X .65 X 3 =13.39
GALLONS OF H_2O TO BE PURGED: 13 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:15
pH 5.21 su — TEMP 17.81 °C
DISSOLVED O_2 2.00 mg/L — SPECIFIC CONDUCTIVITY 941.0 µs/cm

PURGE END TIME: 09:11
pH 5.07 su — TEMP 16.39 °C
DISSOLVED O_2 1.04 mg/L — SPECIFIC CONDUCTIVITY 1031.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 13.07 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 14 gal

SAMPLE START TIME: 09:12
pH 5.06 su — TEMP 16.40 °C
DISSOLVED O_2 1.03 mg/L — SPECIFIC CONDUCTIVITY 1032.0 µs/cm

SAMPLE END TIME: 09:17

COMMENTS:

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

U: The compound was analyzed for but not detected.

B: Indicates that the compound was found in the associated method blank as well as in the sample.

J: Indicates an estimated value. This flag is used:

(1) When the mass spec and retention time data indicate the presence of a compound however the result is less than the MDL but greater than zero.

(2) When estimating the concentration of a tentatively identified compound (TIC), where a 1:1 response is assumed.

D: This flag is used to identify all compounds (target or TIC) that required a dilution.

E: Indicates the compound's concentration exceeds the calibration range of the instrument for that specific analysis.

N: This flag is only used for TICs. It indicates the presumptive evidence of a compound. For a generic characterization of a TIC, such as unknown hydrocarbon, the flag is not used.

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB016997.D	Sample Name	MB 01July04
Operator	Skelton	Field ID	MB 01July04
Date Acquired	1 Jul 2004 2:10 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	12.04	51263	3.28 ug/L	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 01July04**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40494 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 01July04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB016997.D

Level: (low/med) LOW Date Received: 6/28/2004

% Moisture: not dec. Date Analyzed: 7/1/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

NJDEP Certification #13461

Data File	VB017005.D	Sample Name	4049401
Operator	Skelton	Field ID	Trip Blank
Date Acquired	1 Jul 2004 7:40 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL
107028	Acrolein			not detected	50	3.27 ug/L	20.
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.
67-64-1	Acetone			not detected	700	0.40 ug/L	2.
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.
71-43-2	Benzene			not detected	1	0.30 ug/L	2.
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.
100-42-5	Styrene			not detected	100	0.22 ug/L	2.
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40494 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4049401

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017005.D

Level: (low/med) LOW Date Received: 6/28/2004

% Moisture: not dec. _____ Date Analyzed: 7/1/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB017006.D**	Sample Name	**4049402**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**1 Jul 2004 8:18 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40494 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4049402

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017006.D

Level: (low/med) LOW Date Received: 6/28/2004

% Moisture: not dec. Date Analyzed: 7/1/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB017007.D**	Sample Name	**4049403**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**1 Jul 2004 8:56 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.88	67915	3.31 ug/L	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40494 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4049403

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017007.D

Level: (low/med) LOW Date Received: 6/28/2004

% Moisture: not dec. _____ Date Analyzed: 7/1/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017008.D	Sample Name	4049404
Operator	Skelton	Field ID	M8MW12
Date Acquired	1 Jul 2004 9:34 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.88	61059	3.05 ug/L	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW12**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40494 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4049404

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017008.D

Level: (low/med) LOW Date Received: 6/28/2004

% Moisture: not dec. _____ Date Analyzed: 7/1/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017009.D	Sample Name	4049405
Operator	Skelton	Field ID	M8MW13
Date Acquired	1 Jul 2004 10:12 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW13**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40494 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4049405

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017009.D

Level: (low/med) LOW Date Received: 6/28/2004

% Moisture: not dec. _____ Date Analyzed: 7/1/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB017010.D**	Sample Name	**4049406**
Operator	**Skelton**	Field ID	**M8MW14**
Date Acquired	**1 Jul 2004 10:49 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5.	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene	25.70	178472	3.67 ug/L	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene	30.21	37782	0.98 ug/L	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW14**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40494 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4049406

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017010.D

Level: (low/med) LOW Date Received: 6/28/2004

% Moisture: not dec. _____ Date Analyzed: 7/1/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017011.D	Sample Name	4049407
Operator	Skelton	Field ID	M8MW15
Date Acquired	1 Jul 2004 11:27 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene	25.70	633219	12.63 ug/L	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene	30.04	40879	1.10 ug/L	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene	30.21	84638	2.13 ug/L	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene	31.04	25443	0.71 ug/L	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW15**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40494 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4049407

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017011.D

Level: (low/med) LOW Date Received: 6/28/2004

% Moisture: not dec. _____ Date Analyzed: 7/1/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000060-29-7	Ether	8.68	5	JN
2. 000496-11-7	Indane	30.51	7	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB017012.D**	Sample Name	**4049408**
Operator	**Skelton**	Field ID	**M8MW16**
Date Acquired	**2 Jul 2004 12:05 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene	18.16	25123	0.45 ug/L	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene	25.70	634863	12.80 ug/L	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene	30.04	20355	0.55 ug/L	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene	30.20	70144	1.79 ug/L	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW16**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40494 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4049408

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017012.D

Level: (low/med) LOW Date Received: 6/28/2004

% Moisture: not dec. _____ Date Analyzed: 7/2/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017013.D	Sample Name	4049409
Operator	Skelton	Field ID	M8MW17
Date Acquired	2 Jul 2004 12:42 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene	25.69	155020	3.19 ug/L	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene	30.21	32942	0.86 ug/L	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW17**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40494 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4049409

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017013.D

Level: (low/med) LOW Date Received: 6/28/2004

% Moisture: not dec. Date Analyzed: 7/2/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017014.D	Sample Name	4049410
Operator	Skelton	Field ID	M8MW18
Date Acquired	2 Jul 2004 1:20 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene	25.70	623649	12.69 ug/L	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene	30.21	140573	3.61 ug/L	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW18**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40494 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4049410

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017014.D

Level: (low/med) LOW Date Received: 6/28/2004

% Moisture: not dec. _____ Date Analyzed: 7/2/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000060-29-7	Ether	8.69	5	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017015.D	Sample Name	4049411
Operator	Skelton	Field ID	M8MW19
Date Acquired	2 Jul 2004 1:57 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW19**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40494 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4049411

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017015.D

Level: (low/med) LOW Date Received: 6/28/2004

% Moisture: not dec. _____ Date Analyzed: 7/2/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017016.D	Sample Name	4049412
Operator	Skelton	Field ID	M8MW20
Date Acquired	2 Jul 2004 2:35 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW20**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40494 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4049412

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017016.D

Level: (low/med) LOW Date Received: 6/28/2004

% Moisture: not dec. Date Analyzed: 7/2/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017017.D	Sample Name	4049413
Operator	Skelton	Field ID	M8MW21
Date Acquired	2 Jul 2004 3:12 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW21**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40494 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4049413

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017017.D

Level: (low/med) LOW Date Received: 6/28/2004

% Moisture: not dec. _____ Date Analyzed: 7/2/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	16.73	4	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017018.D	Sample Name	4049414
Operator	Skelton	Field ID	M8MW22
Date Acquired	2 Jul 2004 3:49 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW22**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40494 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4049414

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017018.D

Level: (low/med) LOW Date Received: 6/28/2004

% Moisture: not dec. Date Analyzed: 7/2/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017019.D	Sample Name	4049415
Operator	Skelton	Field ID	M8MW23
Date Acquired	2 Jul 2004 4:27 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride	5.46	56250	5.13 ug/L	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.87	104335	5.46 ug/L	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW23**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40494 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4049415

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017019.D

Level: (low/med) LOW Date Received: 6/28/2004

% Moisture: not dec. Date Analyzed: 7/2/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017020.D	Sample Name	4049416
Operator	Skelton	Field ID	697MW01
Date Acquired	2 Jul 2004 5:04 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene	18.15	23508	0.43 ug/L	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene	25.69	114667	2.43 ug/L	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **697MW01**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40494 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4049416

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017020.D

Level: (low/med) LOW Date Received: 6/28/2004

% Moisture: not dec. Date Analyzed: 7/2/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017002.D	Sample Name	4049901
Operator	Skelton	Field ID	M8MW24
Date Acquired	1 Jul 2004 5:43 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene	18.17	60993	0.98 ug/L	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene	25.71	134544	2.61 ug/L	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene	30.22	29321	0.72 ug/L	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

	Lab	2-Butan one	Trichloro ethene	Tetra chloro ethene	Chloro benzene	cis-1,2-Di chloro ethene	Benzene	Vinyl Chloride	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	300	1	1	4	10	1	5	-		-
06/24/1997	FMETL	ND	ND	5.04	ND	ND	ND	ND	9.45		V,S,P,M
08/25/1997	FMETL	ND	ND	4.96	ND	ND	ND	ND	9.80		V,S,P,M
10/31/1997	FMETL	ND	ND	7.64	ND	ND	ND	ND	10.10		V,S,P,M
02/25/1998	FMETL	ND	ND	2.25	ND	ND	ND	ND	7.31		V,S,P,M
06/04/1998	FMETL	ND	ND	5.49	ND	ND	ND	ND	8.41		V,S,P,M
08/28/1998	FMETL	2.50	ND	5.56	ND	ND	ND	ND	10.29		V,S,P,M
11/04/1998	FMETL	ND	ND	21.68	ND	ND	ND	ND	10.86		V,S,P,M
01/27/1999	FMETL	ND	ND	4.27	ND	ND	ND	ND	8.84		V,S,P,M
06/22/1999	FMETL	2.89	ND	46.06	ND	ND	ND	ND	9.91		V,S,P,M
09/23/1999	FMETL	ND	ND	11.77	ND	ND	ND	ND	9.52		V,S,P,M
12/28/1999	FMETL	ND	ND	19.76	ND	ND	ND	ND	8.76		V,S,P,M
03/15/2000	FMETL	ND	ND	15.64	ND	ND	ND	ND	8.86		V,S,P,M
06/05/2000	FMETL	ND	ND	10.89	ND	ND	ND	ND	9.28		V,S,P,M
06/05/2000D	FMETL	ND	ND	6.66	ND	ND	ND	ND	9.28		V,S,P,M
09/06/2000	FMETL	ND	ND	7.63	ND	ND	ND	ND	9.06		V,S,P,M
09/06/2000D	FMETL	ND	ND	6.93	ND	ND	ND	ND	9.06		V,S,P,M
12/13/2000	FMETL	ND	ND	3.42	ND	ND	ND	ND	9.86		V,S,P,M
12/13/2000D	FMETL	ND	ND	6.68	ND	ND	ND	ND	9.86		V,S,P,M
03/20/2001	FMETL	ND	ND	4.72	ND	ND	ND	ND	8.54		V,S,P,M
06/08/2001	FMETL	ND	ND	6.59	ND	ND	ND	ND	8.47		V,S,P,M
06/08/2001D	FMETL	ND	ND	6.41	ND	ND	ND	ND	8.47		V,S,P,M
09/24/2001	FMETL	ND	ND	7.24	ND	ND	ND	ND	10.30		V,S,P,M
12/17/2001	FMETL	ND	ND	25.43	ND	ND	ND	ND	10.81		V,S,P,M
12/17/2001D	FMETL	ND	ND	15.60	ND	ND	ND	ND	10.81		V,S,P,M
03/21/2002	FMETL	ND	ND	29.19	ND	ND	ND	ND	9.49		V,S,P,M
06/11/2002	FMETL	ND	ND	29.04	ND	ND	ND	ND	8.75		V,S,P,M
09/23/2002	FMETL	14.04	ND	11.44	ND	ND	ND	ND	9.42		V,S,P,M
12/13/2002	FMETL	59.80	ND	9.51	ND	2.03	ND	ND	8.08		V,S,P,M
03/21/2003	FMETL	2.78	0.92	4.45	ND	ND	ND	ND	8.30		V,S,P,M
05/30/2003	FMETL	ND	ND	3.10	ND	ND	ND	ND	8.52		V,S,P,M
08/22/2003	FMETL	9.29	ND	ND	ND	2.73	ND	ND	9.34		V,S,P,M
12/12/2003	FMETL	ND	ND	ND	ND	1.18	ND	ND	8.38		V,S,P,M
03/09/2004	FMETL	ND	3.70	ND	ND	6.50	ND	ND	8.99		V,S,P,M
06/28/2004	FMETL	ND	ND	ND	ND	3.05	ND	ND	9.54		V

SOURCE: 00M8MW12

Sampling Dates:
06/24/1997 - 06/28/2004

NOTES:

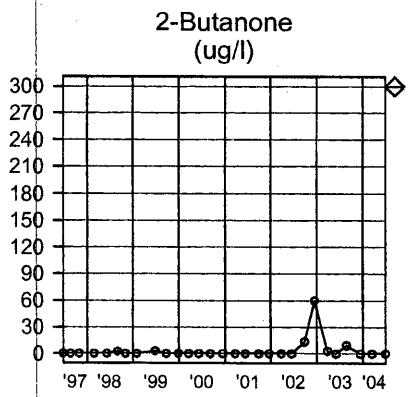
FORT MONMOUTH

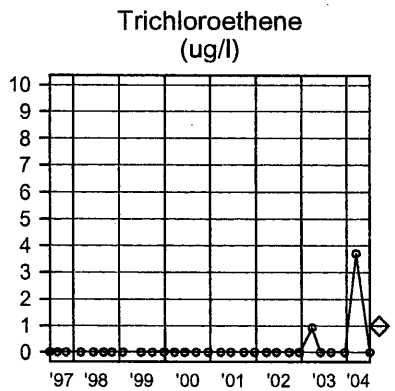
GW MONITORING
M-8 Bldg 697

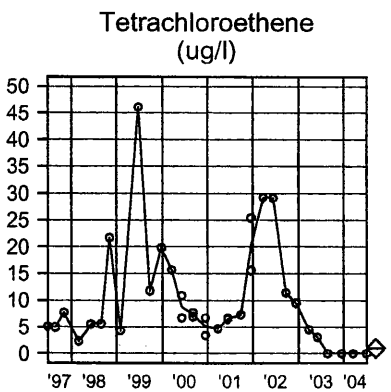
Source 1 of 14

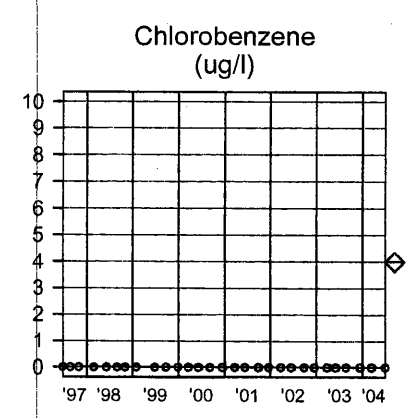
Silver in blank > Criteria, sample date 6/97.

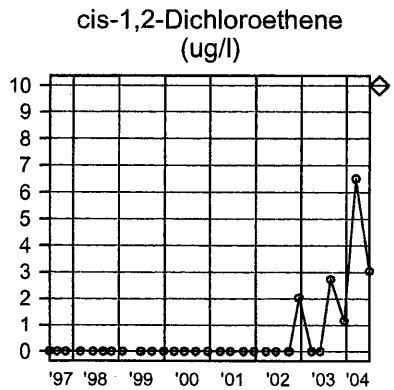
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

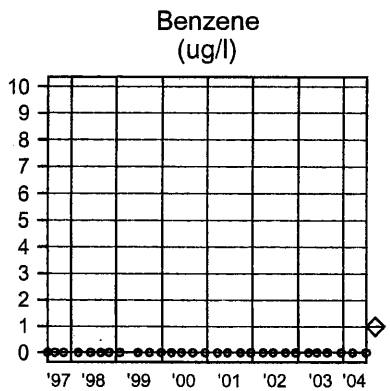


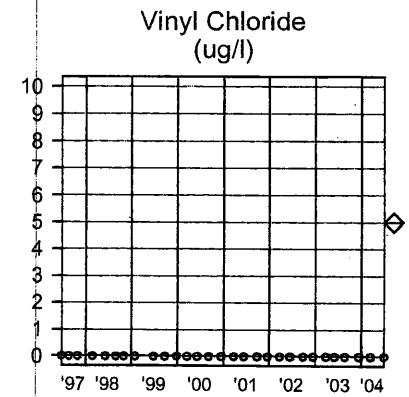


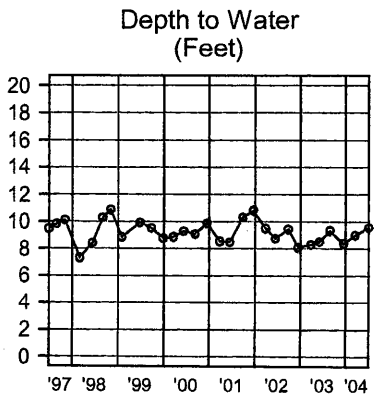












SOURCE: 00M8MW12

Sampling Dates:
06/24/1997 - 06/28/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 1 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-02-2004 X:\MtechData\M-8\M8.WSF

	Lab	2-Butan one	Trichloro ethene	Tetra chloro ethene	Chloro benzene	cis-1,2-Di chloro ethene	Benzene	Vinyl Chloride	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	300	1	1	4	10	1	5	-		-
06/24/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	7.00		V,S,P,M
08/25/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	7.00		V,S,P,M
10/31/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	7.00		V,S,P,M
02/25/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	5.95		V,S,P,M
06/04/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	6.71		V,S,P,M
08/28/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	6.42		V,S,P,M
11/04/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	6.17		V,S,P,M
01/27/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	6.51		V,S,P,M
06/22/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	6.78		V,S,P,M
09/23/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	6.30		V,S,P,M
12/28/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	6.83		V,S,P,M
03/15/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	6.62		V,S,P,M
06/05/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	6.05		V,S,P,M
09/06/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	6.66		V,S,P,M
12/13/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	7.12		V,S,P,M
03/20/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	6.56		V,S,M,P
06/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	6.76		V,S,P,M
09/24/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	6.84		V,S,P,M
12/17/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	5.64		V,S,P,M
03/21/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	6.47		V,S,P,M
06/11/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	6.40		V,S,P,M
09/23/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	5.58		V,S,P,M
12/10/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	5.21		V,S,P,M
03/21/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	6.29		V,S,P,M
05/30/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	6.55		V,S,P,M
08/22/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	6.67		V,S,P,M
12/12/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	6.25		V,S,P,M
03/05/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	5.76		V,S,P,M
06/28/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	6.75		V

SOURCE: 00M8MW13

Sampling Dates:
06/24/1997 - 06/28/2004

NOTES:

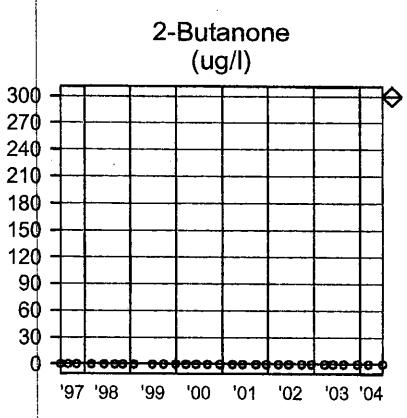
FORT MONMOUTH

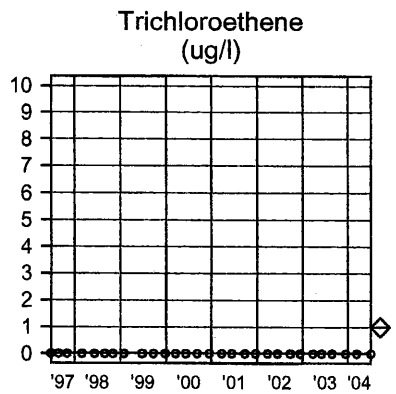
GW MONITORING
M-8 Bldg 697

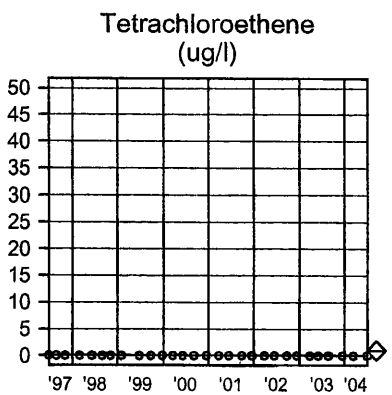
Source 2 of 14

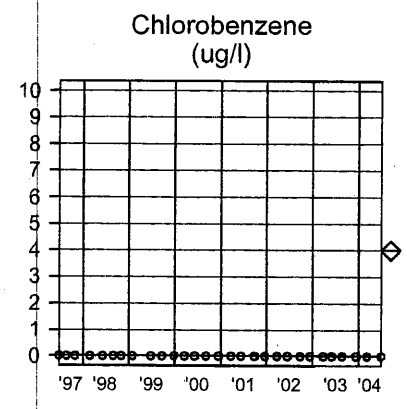
Silver in blank > Criteria, sample date 6/97.

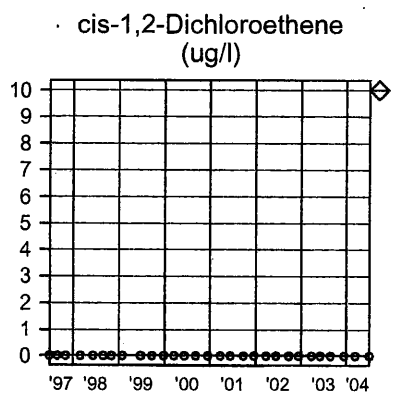
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

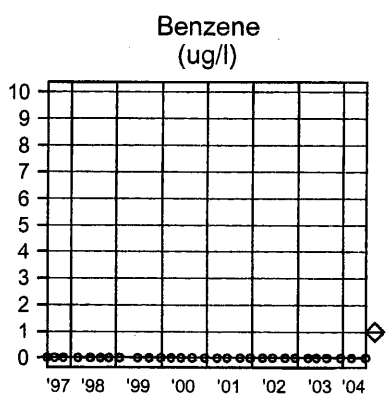


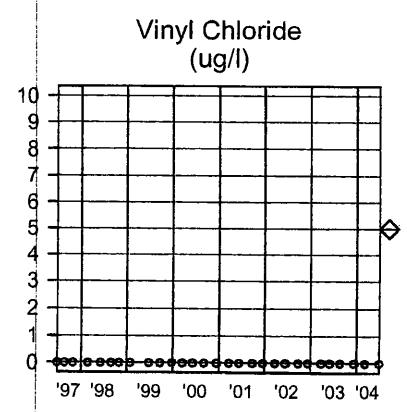


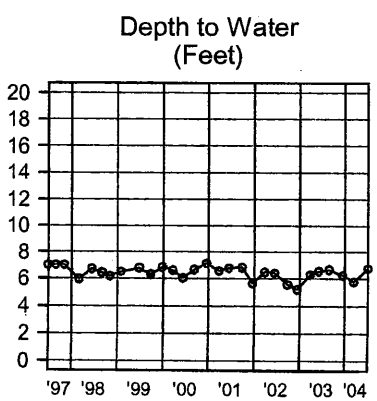












SOURCE: 00M8MW13

Sampling Dates:
06/24/1997 - 06/28/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 2 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-02-2004 X:\MtechData\M-8\M8.WSF

	Lab	2-Butan one	Trichloro ethene	Tetra chloro ethene	Chloro benzene	cis-1,2-Di chloro ethene	Benzene	Vinyl Chloride	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	300	1	1	4	10	1	5	-		-
06/24/1997	FMETL	ND	ND	ND	16	ND	ND	ND	8.05		V,S,P,M
08/25/1997	FMETL	ND	ND	ND	6.49	ND	ND	ND	8.15		V,S,P,M
10/31/1997	FMETL	ND	ND	ND	4.38	ND	ND	ND	8.30		V,S,P,M
02/25/1998	FMETL	ND	ND	ND	4.97	ND	ND	ND	6.22		V,S,P,M
06/04/1998	FMETL	ND	ND	ND	7.79	ND	ND	ND	7.68		V,S,P,M
08/28/1998	FMETL	4.05	ND	ND	6.47	ND	ND	ND	8.34		V,S,P,M
11/04/1998	FMETL	ND	ND	ND	6.21	ND	ND	ND	8.19		V,S,P,M
01/27/1999	FMETL	ND	ND	ND	3.95	ND	ND	ND	7.45		V,S,P,M
06/22/1999	FMETL	ND	ND	ND	5.12	ND	ND	ND	8.25		V,S,P,M
09/23/1999	FMETL	ND	ND	ND	4.43	ND	ND	ND	7.57		V,S,P,M
12/28/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	7.99		V,S,P,M
03/15/2000	FMETL	ND	ND	ND	2.91	ND	ND	ND	7.64		V,S,P,M
06/05/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	7.86		V,S,P,M
09/06/2000	FMETL	ND	ND	ND	3.03	ND	ND	ND	7.53		V,S,P,M
12/13/2000	FMETL	ND	ND	ND	1.75	ND	ND	ND	8.18		V,S,P,M
03/20/2001	FMETL	ND	ND	ND	1.34	ND	ND	ND	7.78		V,S,P,M
06/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	7.88		V,S,P,M
09/24/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	7.91		V,S,P,M
12/17/2001	FMETL	ND	ND	ND	1.03	ND	ND	ND	8.16		V,S,P,M
03/21/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	6.47		V,S,P,M
06/11/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	7.68		V,S,P,M
09/23/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	9.70		V,S,P,M
12/10/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	8.31		V,S,P,M
03/21/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	6.51		V,S,P,M
05/30/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	6.45		V,S,P,M
08/22/2003	FMETL	ND	ND	ND	0.70	ND	ND	ND	8.00		V,S,P,M
12/12/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	7/03		V,S,P,M
03/05/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	7.61		V,S,P,M
06/28/2004	FMETL	ND	ND	ND	3.67	ND	ND	ND	8.15		V

SOURCE: 00M8MW14

Sampling Dates:
06/24/1997 - 06/28/2004

NOTES:

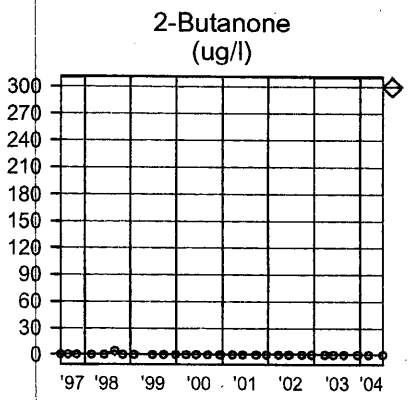
FORT MONMOUTH

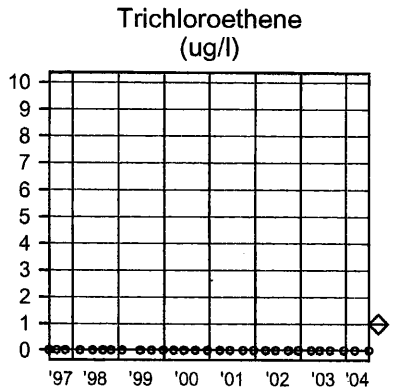
GW MONITORING
M-8 Bldg 697

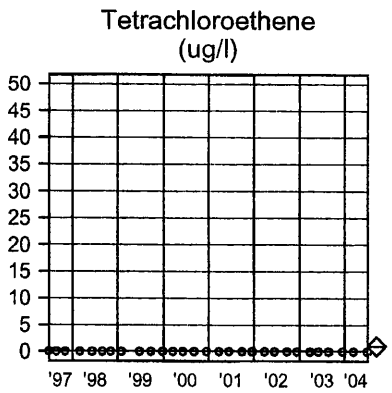
Source 3 of 14

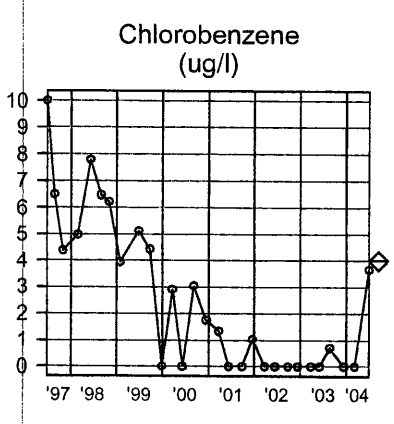
Silver in blank > Criteria, sample date 6/97.

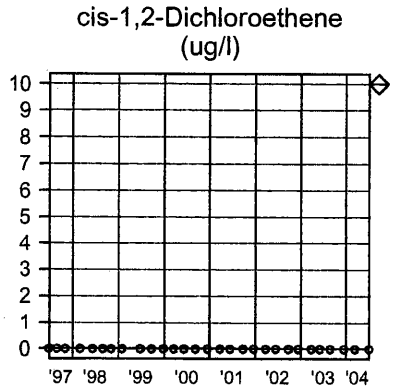
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

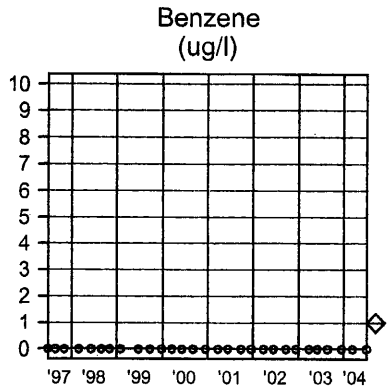


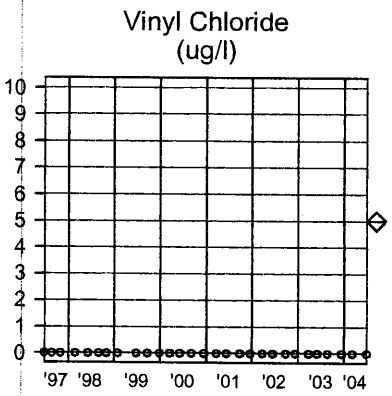


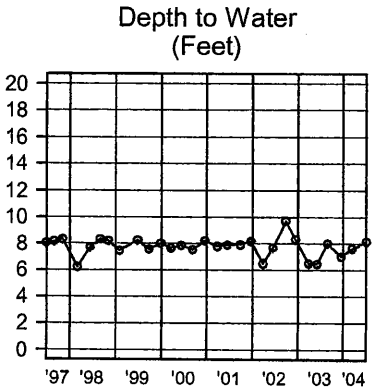












SOURCE: 00M8MW14

Sampling Dates:
06/24/1997 - 06/28/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 3 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-02-2004 X:\MtechData\M-8\M8.WSF

	Lab	2-Butan one	Trichloro ethene	Tetra chloro ethene	Chloro benzene	cis-1,2-Di chloro ethene	Benzene	Vinyl Chloride	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	300	1	1	4	10	1	5	-		-
06/24/1997	FMETL	ND	ND	ND	13.7	ND	1.52	ND	6.50		V,S,P,M
08/25/1997	FMETL	ND	ND	ND	9.30	ND	1.28	ND	6.00		V,S,P,M
10/31/1997	FMETL	ND	ND	ND	6.44	ND	ND	ND	6.80		V,S,P,M
02/25/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	3.50		V,S,P,M
06/04/1998	FMETL	ND	ND	ND	12.09	ND	ND	ND	4.76		V,S,P,M
08/28/1998	FMETL	2.44	ND	ND	17.78	ND	2.30	ND	5.67		V,S,P,M
11/04/1998	FMETL	ND	ND	ND	29.43	ND	3.11	ND	5.78		V,S,P,M
01/27/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	3.86		V,S,P,M
06/22/1999	FMETL	2.81	ND	ND	16.16	ND	2.09	ND	5.69		V,S,P,M
09/23/1999	FMETL	ND	ND	ND	2.91	ND	ND	ND	5.23		V,S,P,M
12/28/1999	FMETL	ND	ND	ND	5.17	ND	ND	ND	5.28		V,S,P,M
03/15/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	4.68		V,S,P,M
06/05/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	6.21		V,S,P,M
09/06/2000	FMETL	ND	ND	ND	6.63	ND	ND	ND	5.12		V,S,P,M
12/13/2000	FMETL	ND	ND	ND	35.03	ND	2.41	ND	5.87		V,S,P,M
03/20/2001	FMETL	ND	ND	ND	12.4	ND	ND	ND	4.56		V,S,P,M
06/08/2001	FMETL	ND	ND	ND	4.14	ND	ND	ND	5.62		V,S,P,M
12/17/2001	FMETL	ND	ND	ND	5.93	ND	ND	ND	5.98		V,S,P,M
03/21/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	4.22		V,S,P,M
06/11/2002	FMETL	ND	ND	ND	2.15	ND	ND	ND	5.55		V,S,P,M
09/25/2002	FMETL	ND	ND	ND	25.81	ND	ND	ND	5.45		V,S,P,M
12/13/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	6.06		V,S,P,M
03/21/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	3.77		V,S,P,M
05/30/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	4.74		V,S,P,M
08/22/2003	FMETL	ND	ND	ND	5.10	ND	ND	ND	5.75		V,S,P,M
12/30/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	3.90		V,S,P,M
03/09/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	4.12		V,S,PM
06/28/2004	FMETL	ND	ND	ND	12.63	ND	ND	ND	5.76		V

SOURCE: 00M8MW15

Sampling Dates:
06/24/1997 - 06/28/2004

NOTES:

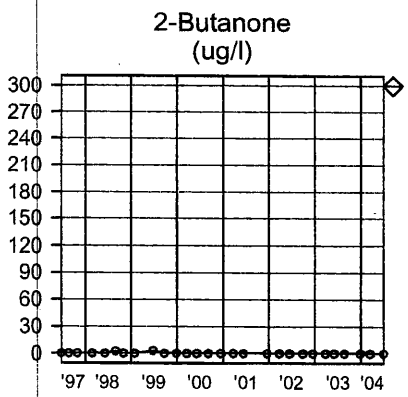
FORT MONMOUTH

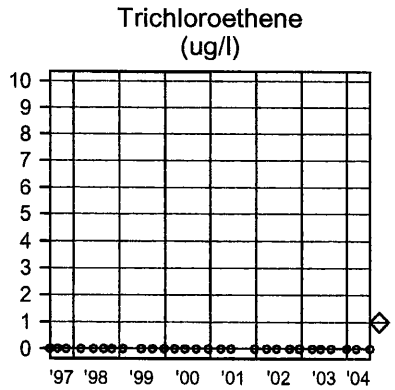
GW MONITORING
M-8 Bldg 697

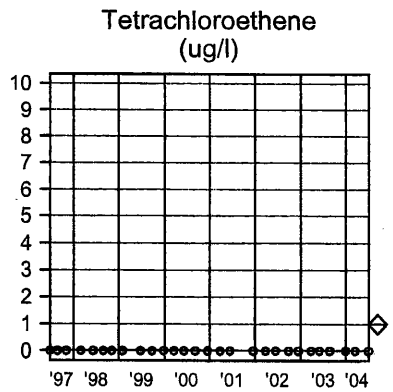
Source 4 of 14

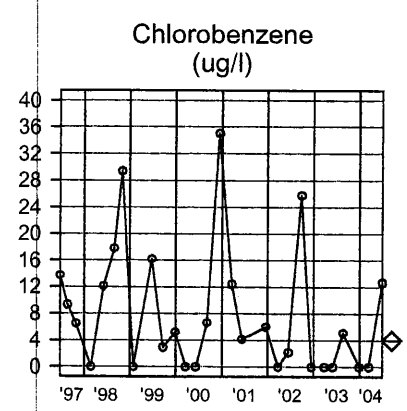
Silver in blank > Criteria, sample date 6/97.

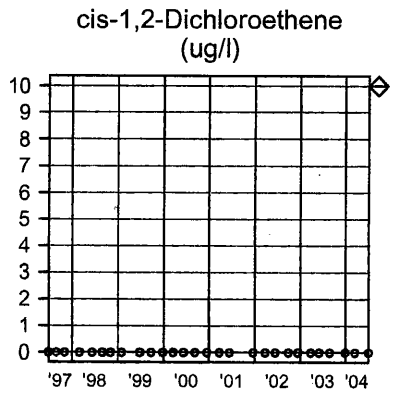
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

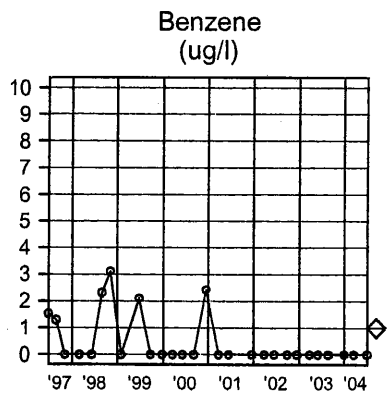


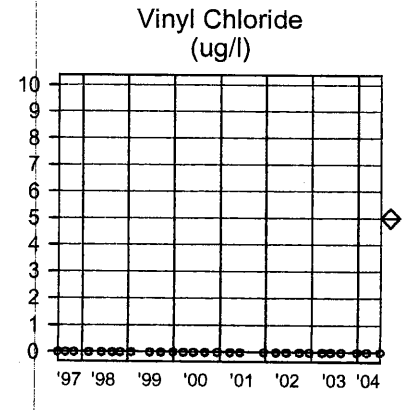


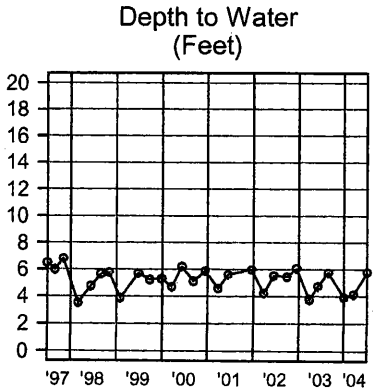












SOURCE: 00M8MW15

Sampling Dates:
06/24/1997 - 06/28/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 4 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-02-2004 X:\MtechData\M-8\M8.WSF

	Lab	2-Butan one	Trichloro ethene	Tetra chloro ethene	Chloro benzene	cis-1,2-Di chloro ethene	Benzene	Vinyl Chloride	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	300	1	1	4	10	1	5	-		-
08/27/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	13.15		V,S,P,M
10/29/1997	FMETL	ND	ND	ND	ND	ND	ND	ND	13.35		V,S,P,M
02/26/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	11.26		V,S,P,M
06/04/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	12.12		V,S,P,M
08/28/1998	FMETL	2.50	ND	5.56	ND	ND	ND	ND	13.54		V,S,P,M
11/04/1998	FMETL	ND	ND	1.18	ND	ND	ND	ND	14.09		V,S,P,M
01/27/1999	FMETL	ND	ND	ND	1.17	ND	ND	ND	12.27		V,S,P,M
06/22/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	13.23		V,S,P,M
09/23/1999	FMETL	ND	ND	ND	1.04	ND	ND	ND	12.88		V,S,P,M
12/28/1999	FMETL	ND	ND	ND	1.97	ND	ND	ND	12.55		V,S,P,M
03/15/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	12.27		V,S,P,M
06/05/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	12.72		V,S,P,M
09/06/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	12.49		V,S,P,M
12/13/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	13.00		V,S,P,M
03/20/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	12.13		V,S,P,M
06/08/2001	FMETL	ND	ND	ND	1.06	ND	ND	ND	8.62		V,S,P,M
09/24/2001	FMETL	ND	ND	ND	3.23	ND	ND	ND	13.47		V,S,P,M
12/17/2001	FMETL	ND	ND	ND	1.15	ND	ND	ND	14.10		V,S,P,M
03/21/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	13.11		V,S,P,M
06/11/2002	FMETL	ND	ND	ND	1.07	ND	ND	ND	12.83		V,S,P,M
09/23/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	13.80		V,S,P,M
12/13/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	11.17		V,S,P,M
03/21/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	11.80		V,S,P,M
05/30/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	12.05		V,S,P,M
08/22/2003	FMETL	ND	ND	1.25	ND	ND	ND	ND	12.77		V,S,P,M
12/30/2003	FMETL	ND	ND	1.40	ND	ND	ND	ND	12.04		V,S,P,M
03/09/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	12.70		V,S,P,M
06/28/2004	FMETL	ND	ND	ND	2.42	ND	0.43	ND	12.93		V

SOURCE: 0697MW01

Sampling Dates:
08/27/1997 - 06/28/2004

NOTES:

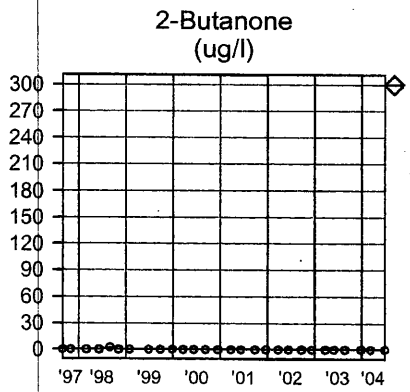
FORT MONMOUTH

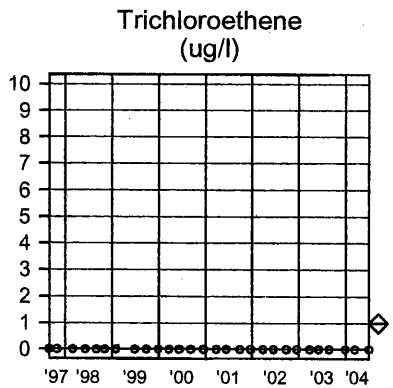
GW MONITORING
M-8 Bldg 697

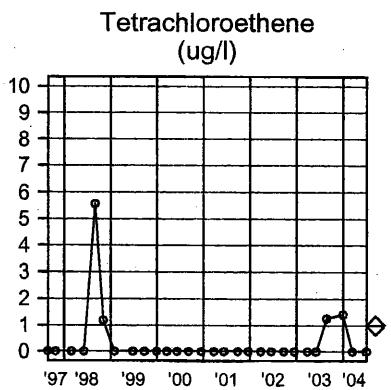
Source 5 of 14

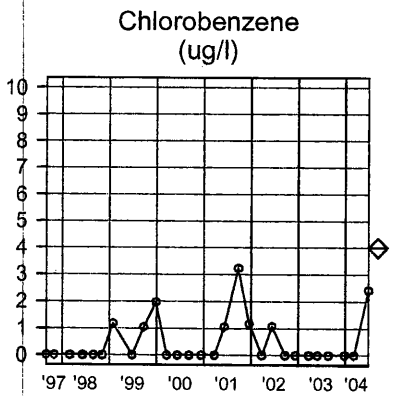
Silver in blank > Criteria, sample date 6/97.

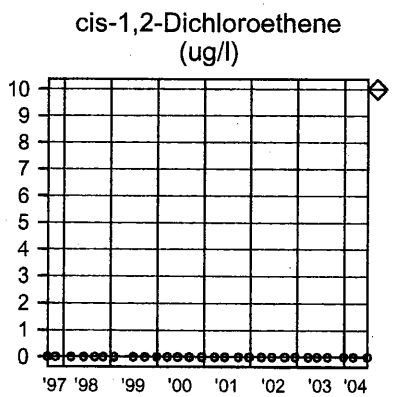
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

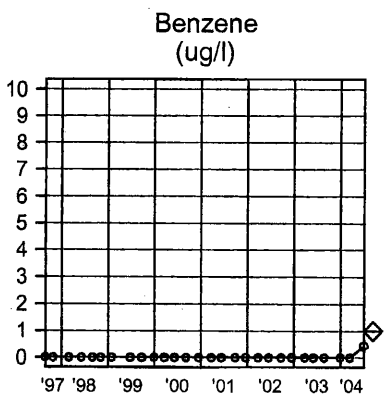


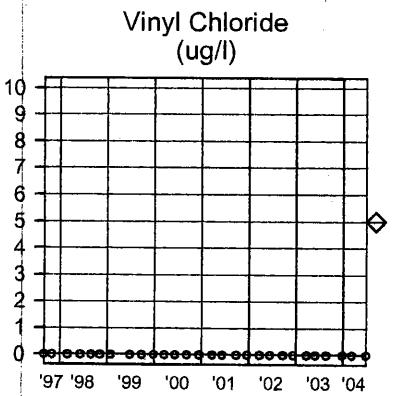


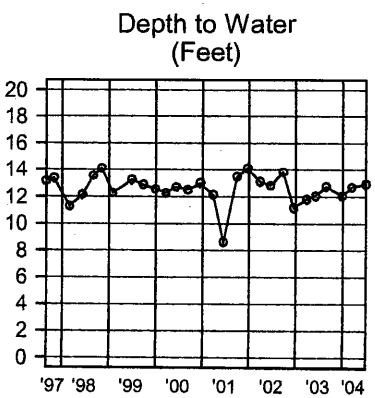












SOURCE: 0697MW01

Sampling Dates:
08/27/1997 - 06/28/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 5 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-02-2004 X:\MtechData\M-8\M8.WSF

	Lab	2-Butan one	Trichloro ethene	Tetra chloro ethene	Chloro benzene	cis-1,2-Di chloro ethene	Benzene	Vinyl Chloride	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	300	1	1	4	10	1	5	-		-
09/23/1998	FMETL	ND	ND	ND	1.16	ND	ND	ND	8.93		V,S,P,M
10/20/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	8.55		V,S,P,M
01/27/1999	FMETL	ND	ND	ND	1.12	ND	ND	ND	8.67		V,S,P,M
06/22/1999	FMETL	ND	ND	ND	18.38	ND	2.48	ND	8.52		V,S,P,M
09/23/1999	FMETL	ND	ND	ND	1.74	ND	ND	ND	8.23		V,S,P,M
12/28/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	8.74		V,S,P,M
03/15/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	8.03		V,S,P,M
06/05/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	8.06		V,S,P,M
09/06/2000	FMETL	ND	ND	ND	14.92	ND	1.13	ND	8.27		V,S,P,M
12/13/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	8.73		V,S,P,M
03/20/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	8.25		V,S,P,M
06/08/2001	FMETL	ND	ND	ND	1.02	ND	ND	ND	8.43		V,S,P,M
09/24/2001	FMETL	ND	ND	ND	2.55	ND	ND	ND	8.71		V,S,P,M
12/17/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	8.73		V,S,P,M
03/21/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	7.58		V,S,P,M
06/11/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	8.24		V,S,P,M
09/25/2002	FMETL	ND	ND	ND	8.72	ND	ND	ND	8.41		V,S,P,M
12/13/2002	FMETL	ND	ND	ND	2.02	ND	ND	ND	5.31		V,S,P,M
03/21/2003	FMETL	ND	ND	ND	6.49	ND	ND	ND	7.73		V,S,P,M
05/30/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	7.75		V,S,P,M
08/22/2003	FMETL	ND	ND	ND	24.09	ND	1.74	ND	7.94		V,S,P,M
12/30/2003	FMETL	ND	ND	ND	3.34	ND	ND	ND	8.43		V,S,P,M
03/09/2004	FMETL	ND	ND	ND	10.68	ND	0.60	ND	8.13		V,S,P,M
06/28/2004	FMETL	ND	ND	ND	12.80	ND	0.45	ND	8.78		V

SOURCE: 00M8MW16

Sampling Dates:
09/23/1998 - 06/28/2004

NOTES:

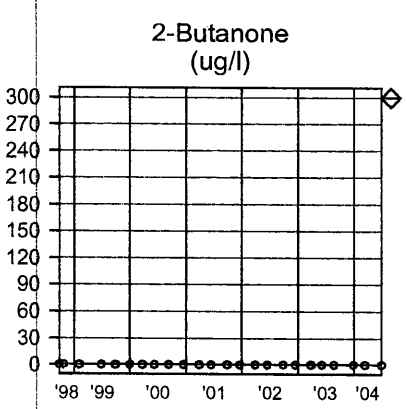
FORT MONMOUTH

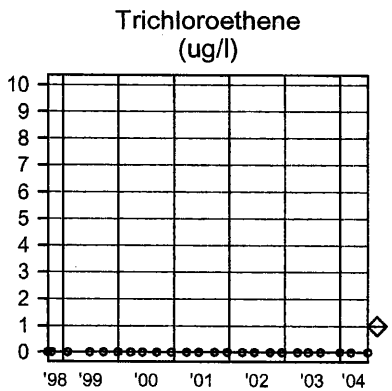
GW MONITORING
M-8 Bldg 697

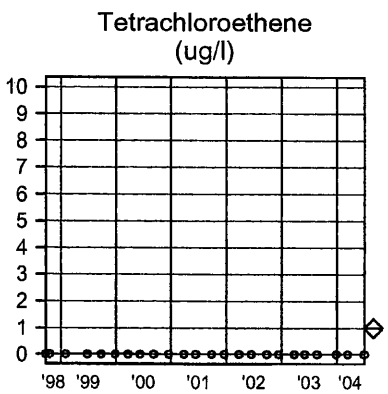
Source 6 of 14

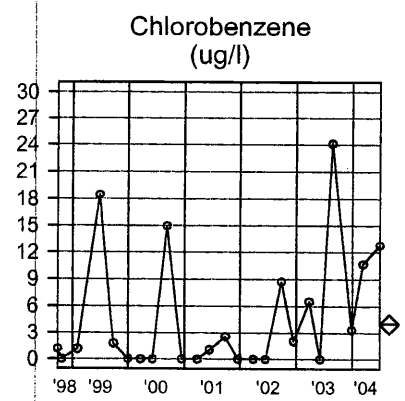
Silver in blank > Criteria, sample date 6/97.

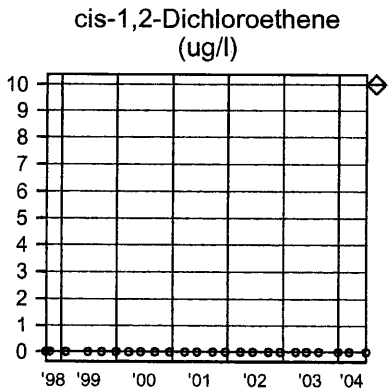
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

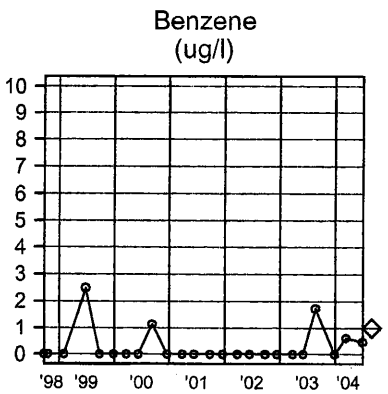


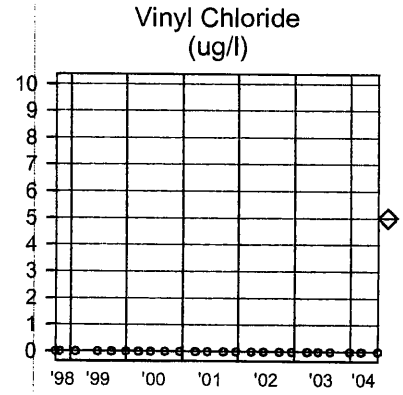


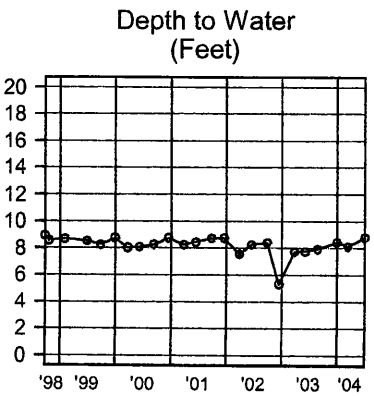












SOURCE: 00M8MW16

Sampling Dates:
09/23/1998 - 06/28/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 6 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-02-2004 X:\MtechData\M-8\M8.WSF

	Lab	2-Butan one	Trichloro ethene	Tetra chloro ethene	Chloro benzene	cis-1,2-Di chloro ethene	Benzene	Vinyl Chloride	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	300	1	1	4	10	1	5	-		-
09/23/1998	FMETL	20.19	ND	ND	2.82	ND	ND	ND	7.08		V,S,P,M
10/20/1998	FMETL	ND	ND	ND	6.61	ND	ND	ND	7.02		V,S,P,M
01/27/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	6.16		V,S,P,M
06/22/1999	FMETL	ND	ND	ND	5.59	ND	ND	ND	6.91		V,S,P,M
09/23/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	6.35		V,S,P,M
12/28/1999	FMETL	ND	ND	ND	5.98	ND	ND	ND	6.53		V,S,P,M
03/15/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	6.29		V,S,P,M
06/05/2000	FMETL	ND	ND	ND	3.96	ND	ND	ND	8.09		V,S,P,M
09/06/2000	FMETL	ND	ND	ND	2.97	ND	ND	ND	6.36		V,S,P,M
12/13/2000	FMETL	ND	ND	ND	2.06	ND	ND	ND	6.69		V,S,P,M
03/20/2001	FMETL	ND	ND	ND	2.53	ND	ND	ND	6.15		V,M,S,P
06/08/2001	FMETL	ND	ND	ND	1.94	ND	ND	ND	6.56		V,S,P,M
09/24/2001	FMETL	ND	ND	ND	4.16	ND	ND	ND	6.74		V,S,P,M
12/17/2001	FMETL	ND	ND	ND	4.15	ND	ND	ND	7.00		V,S,P,M
03/21/2002	FMETL	ND	ND	ND	4.09	ND	ND	ND	6.55		V,S,P,M
06/11/2002	FMETL	ND	ND	ND	6.08	ND	ND	ND	6.55		V,S,P,M
09/25/2002	FMETL	ND	ND	ND	5.52	ND	ND	ND	6.32		V,S,P,M
12/13/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	4.61		V,S,P,M
03/21/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	5.70		V,S,P,M
05/30/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	5.95		V,S,P,M
08/22/2003	FMETL	ND	ND	ND	3.57	ND	ND	ND	6.54		V,S,P,M
12/30/2003	FMETL	ND	ND	ND	0.68	ND	ND	ND	5.91		V,S,P,M
03/09/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	4.08		V,S,P,M
06/28/2004	FMETL	ND	ND	ND	3.19	ND	ND	ND	6.48		V

SOURCE: 00M8MW17

Sampling Dates:
09/23/1998 - 06/28/2004

NOTES:

FORT MONMOUTH

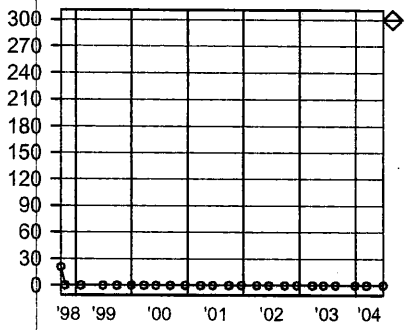
GW MONITORING
M-8 Bldg 697

Source 7 of 14

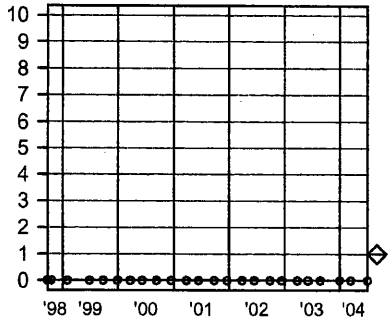
Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

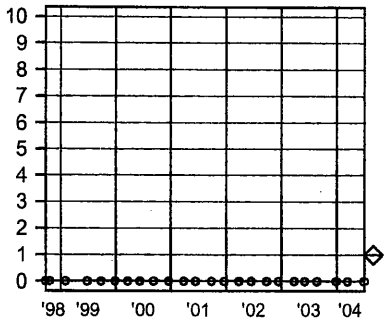
2-Butanone
(ug/l)



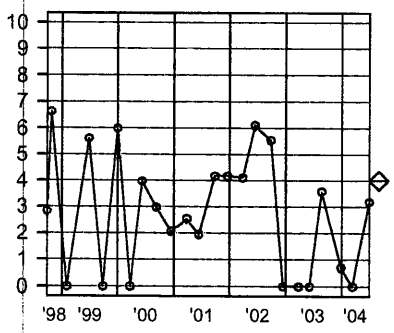
Trichloroethene
(ug/l)



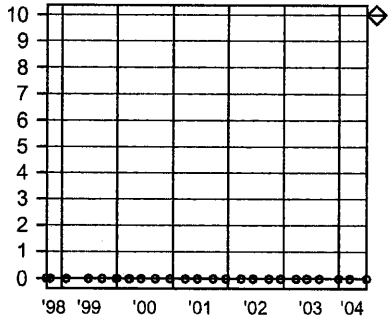
Tetrachloroethene
(ug/l)



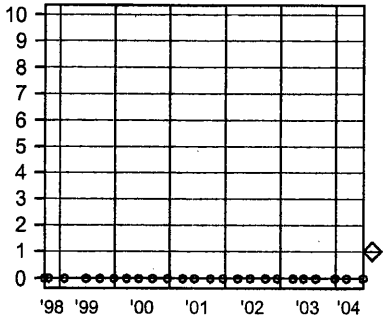
Chlorobenzene
(ug/l)



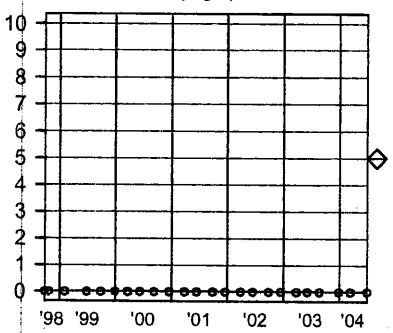
cis-1,2-Dichloroethene
(ug/l)



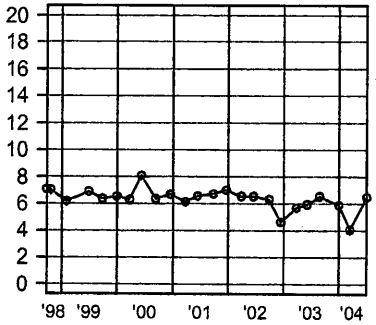
Benzene
(ug/l)



Vinyl Chloride
(ug/l)



Depth to Water
(Feet)



SOURCE: 00M8MW17

Sampling Dates:
09/23/1998 - 06/28/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 7 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-02-2004 X:\MtechData\M-8\M8.WSF

	Lab	2-Butan one	Trichloro ethene	Tetra chloro ethene	Chloro benzene	cis-1,2-Di chloro ethene	Benzene	Vinyl Chloride	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	300	1	1	4	10	1	5	-		-
09/30/1998	FMETL	3.38	ND	ND	16.43	ND	ND	ND	7.30		V,S,P,M
10/20/1998	FMETL	ND	ND	ND	14.6	ND	ND	ND	7.22		V,S,P,M
01/27/1999	FMETL	ND	ND	ND	17.64	ND	ND	ND	6.83		V,S,P,M
06/22/1999	FMETL	ND	ND	ND	18.38	ND	ND	ND	7.42		V,S,P,M
09/23/1999	FMETL	ND	ND	ND	14.35	ND	ND	ND	6.93		V,S,P,M
12/28/1999	FMETL	ND	ND	ND	10.42	ND	ND	ND	7.08		V,S,P,M
03/15/2000	FMETL	ND	ND	ND	12.56	ND	ND	ND	6.94		V,S,P,M
06/05/2000	FMETL	ND	ND	ND	8.00	ND	ND	ND	6.08		V,S,P,M
09/06/2000	FMETL	ND	ND	ND	18.69	ND	ND	ND	7.06		V,S,P,M
12/13/2000	FMETL	ND	ND	ND	18.69	ND	ND	ND	6.96		V,S,P,M
03/20/2001	FMETL	ND	ND	ND	14.32	ND	ND	ND	6.72		V,S,P,M
06/08/2001	FMETL	ND	ND	ND	16.11	ND	ND	ND	6.76		V,S,P,M
09/24/2001	FMETL	ND	ND	ND	16.33	ND	ND	ND	6.93		V,S,P,M
12/17/2001	FMETL	ND	ND	ND	9.56	ND	ND	ND	6.69		V,S,P,M
03/21/2002	FMETL	ND	ND	ND	12.61	ND	ND	ND	6.55		V,S,P,M
06/11/2002	FMETL	ND	ND	ND	12.33	ND	ND	ND	6.69		V,S,P,M
09/23/2002	FMETL	ND	ND	ND	9.86	ND	ND	ND	6.68		V,S,P,M
12/10/2002	FMETL	ND	ND	ND	4.51	ND	ND	ND	6.20		V,S,P,M
03/21/2003	FMETL	ND	ND	ND	5.44	ND	ND	ND	6.16		V,S,P,M
05/30/2003	FMETL	ND	ND	ND	6.07	ND	ND	ND	6.00		V,S,P,M
08/22/2003	FMETL	ND	ND	ND	17.41	ND	ND	ND	6.90		V,S,P,M
12/12/2003	FMETL	ND	ND	ND	0.72	ND	ND	ND	6.03		V,S,P,M
03/05/2004	FMETL	ND	ND	ND	11.3	ND	ND	ND	6.60		V,S,P,M
06/28/2004	FMETL	ND	ND	ND	12.69	ND	ND	ND	6.89		V

SOURCE: 00M8MW18

Sampling Dates:
09/30/1998 - 06/28/2004

NOTES:

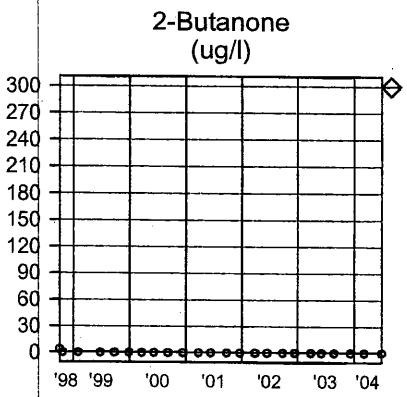
FORT MONMOUTH

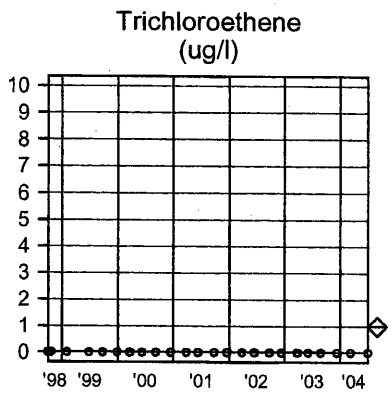
GW MONITORING
M-8 Bldg 697

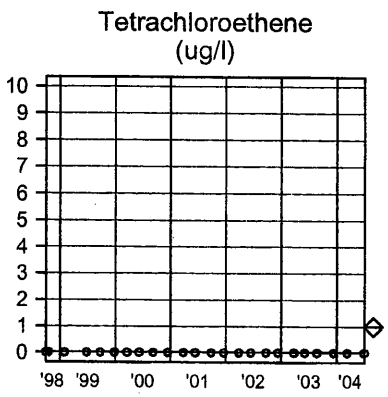
Source 8 of 14

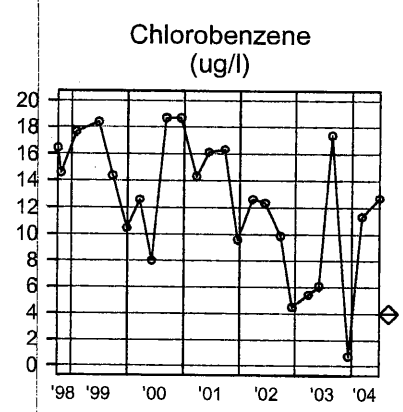
Silver in blank > Criteria, sample date 6/97.

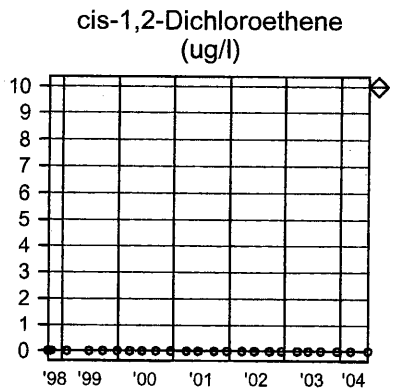
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

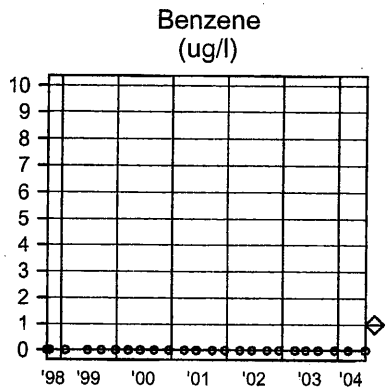


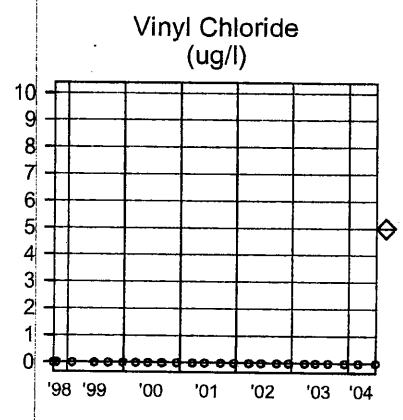


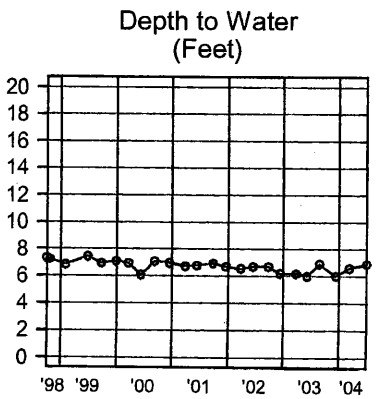












SOURCE: 00M8MW18

Sampling Dates:
09/30/1998 - 06/28/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 8 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-02-2004 X:\MtechData\M-8\M8.WSF

	Lab	2-Butan one	Trichloro ethene	Tetra chloro ethene	Chloro benzene	cis-1,2-Di chloro ethene	Benzene	Vinyl Chloride	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	300	1	1	4	10	1	5	-		-
09/30/1998	FMETL	2.59	ND	ND	ND	ND	ND	ND	7.19		V,S,P,M
10/20/1998	FMETL	2.31	ND	ND	ND	ND	ND	ND	8.59		V,S,P,M
01/27/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	8.03		V,S,P,M
06/22/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	8.47		V,S,P,M
09/23/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	8.38		V,S,P,M
12/28/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	8.48		V,S,P,M
03/15/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	8.33		V,S,P,M
06/05/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	7.08		V,S,P,M
09/06/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	8.28		V,S,P,M
12/13/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	8.15		V,S,P,M
03/20/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	7.75		V,S,P,M
06/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	8.03		V,S,P,M
09/24/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	8.34		V,S,P,M
12/17/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	7.66		V,S,P,M
03/21/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	5.91		V,S,P,M
06/11/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	7.79		V,S,P,M
09/23/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	7.39		V,S,P,M
12/10/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	7.10		V,S,P,M
03/21/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	5.73		V,S,P,M
05/30/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	6.81		V,S,P,M
08/22/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	7.65		V,S,P,M
12/12/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	6.07		V,S,P,M
03/05/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	7.29		V,S,P,M
06/28/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	7.83		V

SOURCE: 00M8MW19

Sampling Dates:
09/30/1998 - 06/28/2004

NOTES:

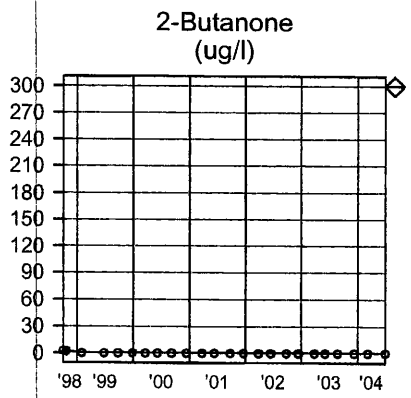
FORT MONMOUTH

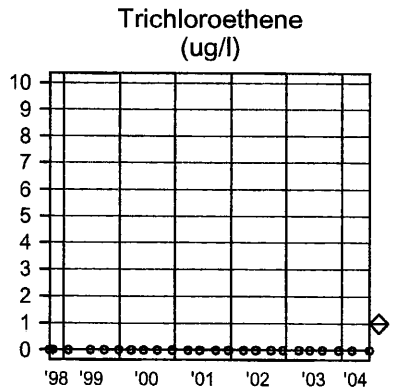
GW MONITORING
M-8 Bldg 697

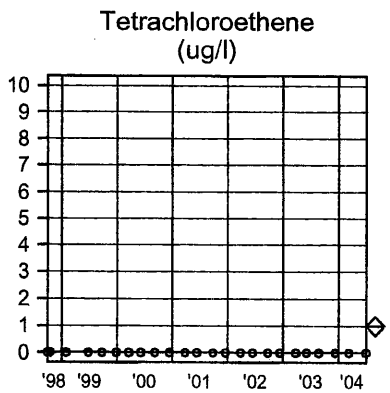
Source 9 of 14

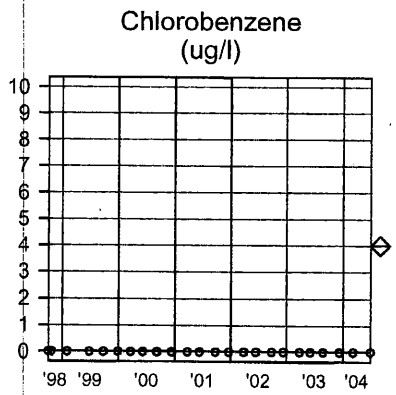
Silver in blank > Criteria, sample date 6/97.

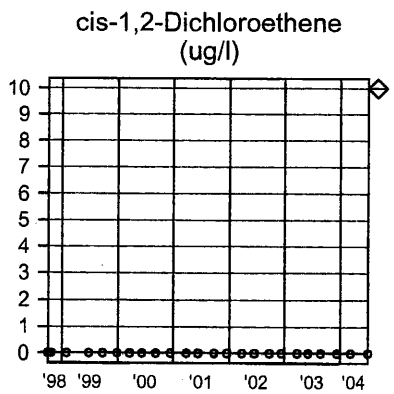
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

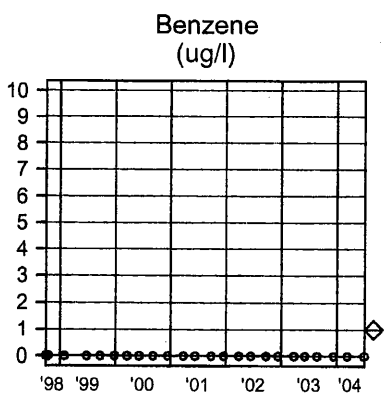


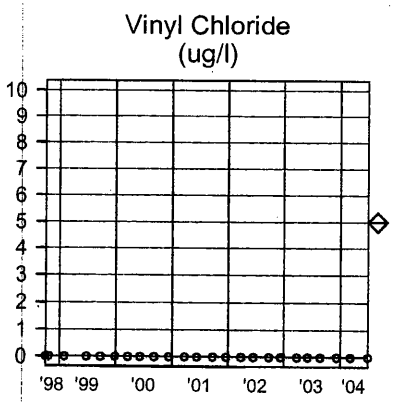


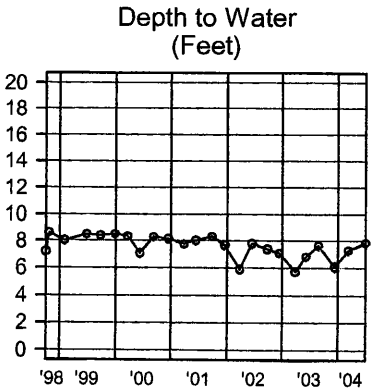












SOURCE: 00M8MW19

Sampling Dates:
09/30/1998 - 06/28/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 9 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-02-2004 X:\MtechData\M-8\M8.WSF

	Lab	2-Butan one	Trichloro ethene	Tetra chloro ethene	Chloro benzene	cis-1,2-Di chloro ethene	Benzene	Vinyl Chloride	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	300	1	1	4	10	1	5	-		-
09/30/1998	FMETL	4.1	ND	ND	2.16	ND	ND	ND	8.36		V,S,P,M
10/21/1998	FMETL	ND	ND	ND	2.42	ND	ND	ND	8.10		V,S,P,M
01/27/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	7.30		V,S,P,M
06/22/1999	FMETL	ND	ND	ND	1.97	ND	ND	ND	7.76		V,S,P,M
09/23/1999	FMETL	ND	ND	ND	1.24	ND	ND	ND	7.36		V,S,P,M
12/28/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	7.74		V,S,P,M
03/15/2000	FMETL	ND	ND	ND	1.60	ND	ND	ND	7.45		V,S,P,M
06/05/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	6.76		V,S,P,M
09/06/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	7.37		V,S,P,M
12/13/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	8.37		V,S,P,M
03/20/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	7.36		V,S,P,M
06/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	7.22		V,S,P,M
09/24/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	7.64		V,S,P,M
12/17/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	7.12		V,S,P,M
03/21/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	6.27		V,S,P,M
06/11/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	7.03		V,S,P,M
09/23/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	7.06		V,S,P,M
12/10/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	6.76		V,S,P,M
03/21/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	6.60		V,S,P,M
05/30/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	6.81		V,S,P,M
08/22/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	7.30		V,S,P,M
12/12/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	7.20		V,S,P,M
03/05/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	7.00		V,S,P,M
06/28/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	7.29		V

SOURCE: 00M8MW20

Sampling Dates:
09/30/1998 - 06/28/2004

NOTES:

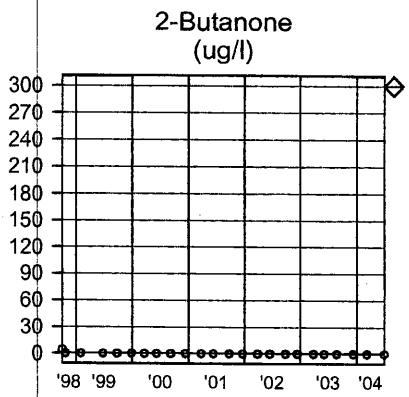
FORT MONMOUTH

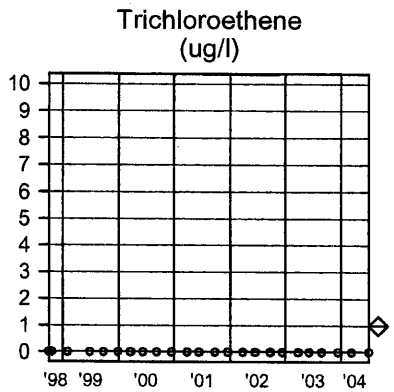
GW MONITORING
M-8 Bldg 697

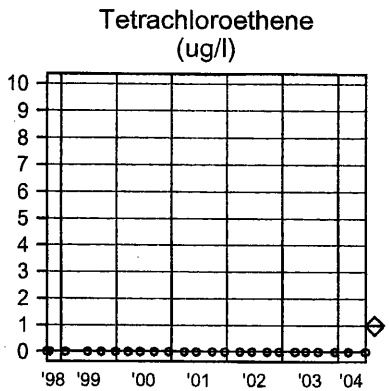
Source 10 of 14

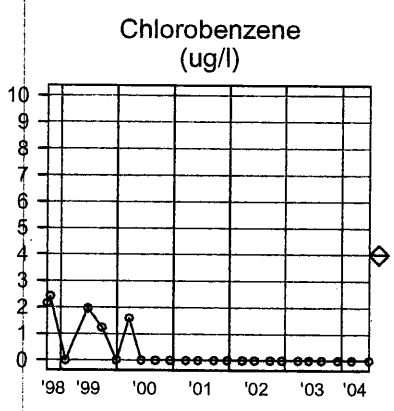
Silver in blank > Criteria, sample date 6/97.

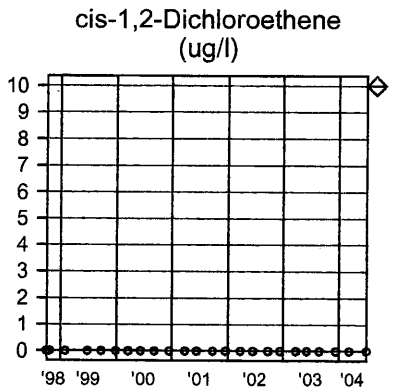
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

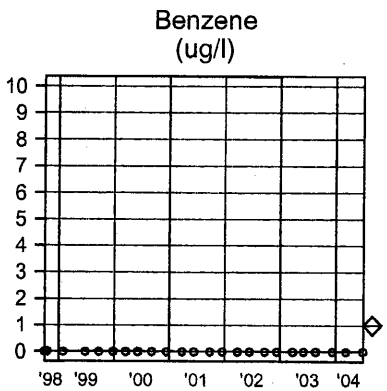


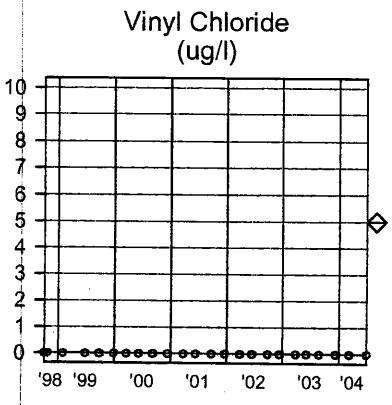


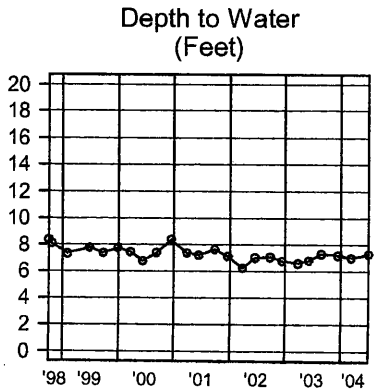












SOURCE: 00M8MW20

Sampling Dates:
09/30/1998 - 06/28/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 10 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-02-2004 X:\MtechData\M-8\M8.WSF

	Lab	2-Butan one	Trichloro ethene	Tetra chloro ethene	Chloro benzene	cis-1,2-Di chloro ethene	Benzene	Vinyl Chloride	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	300	1	1	4	10	1	5	-		-
09/30/1998	FMETL	6.66	ND	ND	ND	ND	ND	ND	6.78		V,S,P,M
10/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	6.87		V,S,P,M
01/27/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	6.19		V,S,P,M
06/22/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	6.51		V,S,P,M
09/23/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	6.25		V,S,P,M
12/28/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	6.46		V,S,P,M
03/15/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	6.36		V,S,P,M
06/05/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	5.68		V,S,P,M
09/06/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	6.30		V,S,P,M
12/13/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	6.67		V,S,P,M
03/20/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	6.19		V,S,P,M
06/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	6.37		V,S,P,M
09/24/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	6.48		V,S,P,M
12/17/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	5.23		V,S,P,M
03/21/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	6.13		V,S,P,M
06/11/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	6.04		V,S,P,M
09/23/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	5.53		V,S,P,M
12/10/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	5.31		V,S,P,M
03/21/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	5.98		V,S,P,M
05/30/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	6.21		V,S,P,M
08/22/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	6.31		V,S,P,M
12/12/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	5.95		V,S,P,M
03/05/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	8.16		V,S,P,M
06/28/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	6.37		V

SOURCE: 00M8MW21

Sampling Dates:
09/30/1998 - 06/28/2004

NOTES:

Well installed 9/98.

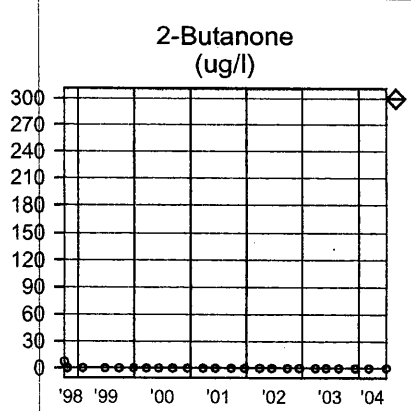
FORT MONMOUTH

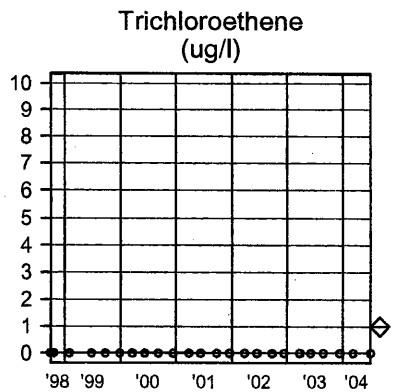
GW MONITORING
M-8 Bldg 697

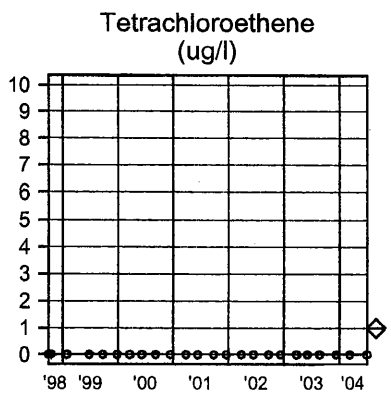
Source 11 of 14

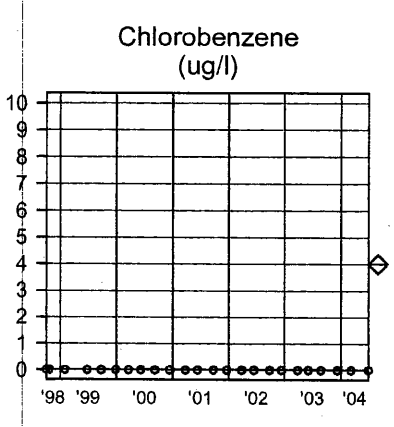
Silver in blank > Criteria, sample date 6/97.

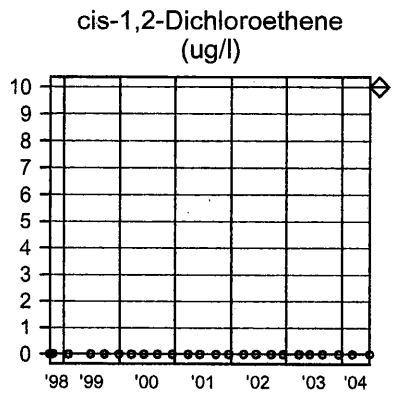
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

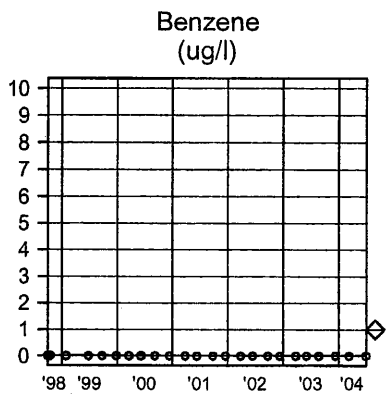


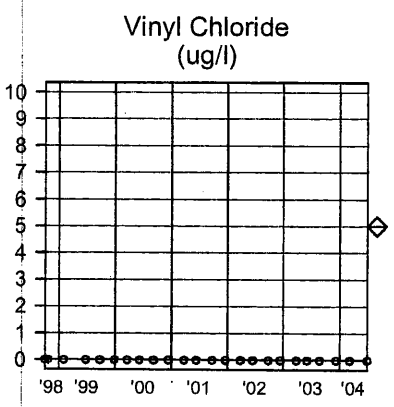


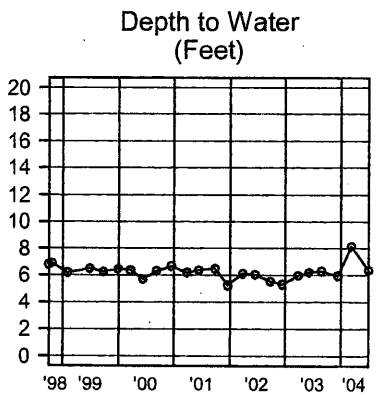












SOURCE: 00M8MW21

Sampling Dates:
09/30/1998 - 06/28/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 11 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-02-2004 X:\MtechData\M-8\M8.WSF

	Lab	2-Butan one	Trichloro ethene	Tetra chloro ethene	Chloro benzene	cis-1,2-Di chloro ethene	Benzene	Vinyl Chloride	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	300	1	1	4	10	1	5	-		-
09/30/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	8.11		V,S,P,M
10/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND	7.61		V,S,P,M
01/27/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	6.41		V,S,P,M
06/22/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	6.95		V,S,P,M
09/23/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	6.29		V,S,P,M
12/28/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	6.37		V,S,P,M
03/15/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	6.50		V,S,P,M
06/05/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	6.61		V,S,P,M
09/06/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	6.47		V,S,P,M
12/13/2000	FMETL	ND	ND	ND	ND	ND	ND	ND	6.79		V,S,P,M
03/20/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	6.63		V,S,P,M
06/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	6.34		V,S,P,M
09/24/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	6.79		V,S,P,M
09/24/2001D	FMETL	ND	ND	ND	ND	ND	ND	ND	6.79		V,S,P,M
12/17/2001	FMETL	ND	ND	ND	ND	ND	ND	ND	5.72		V,S,P,M
03/21/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	6.35		V,S,P,M
06/11/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	6.34		V,S,P,M
09/23/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	8.04		V,S,P,M
12/10/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	7.77		V,S,P,M
03/21/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	6.31		V,S,P,M
05/30/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	6.25		V,S,P,M
12/12/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	6.17		V,S,P,M
03/05/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	6.20		V,S,P,M
06/28/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	6.94		V

SOURCE: 00M8MW22

Sampling Dates:
09/30/1998 - 06/28/2004

NOTES:

Well installed 9/98.

FORT MONMOUTH

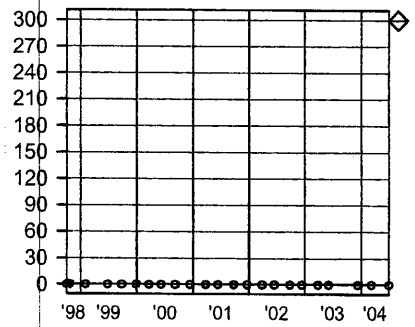
GW MONITORING
M-8 Bldg 697

Source 12 of 14

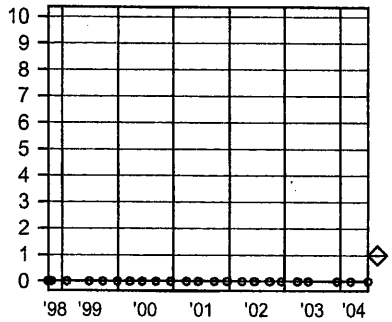
Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

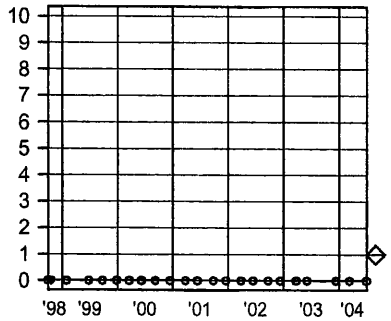
2-Butanone
(ug/l)



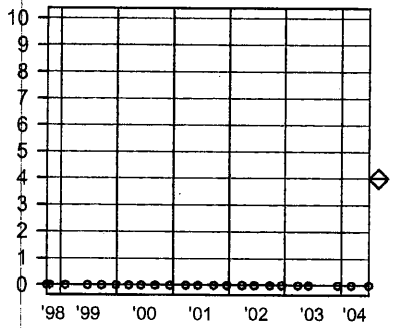
Trichloroethene
(ug/l)



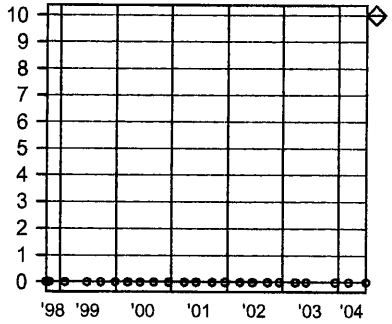
Tetrachloroethene
(ug/l)



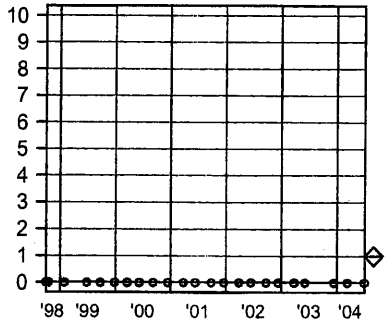
Chlorobenzene
(ug/l)



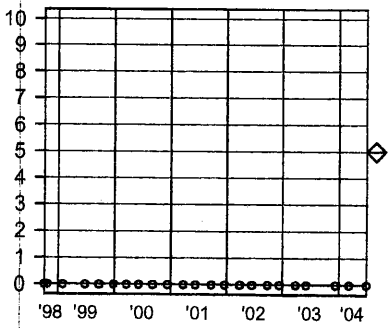
cis-1,2-Dichloroethene
(ug/l)



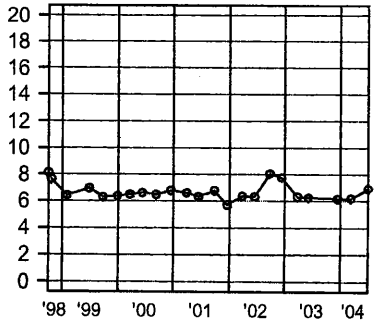
Benzene
(ug/l)



Vinyl Chloride
(ug/l)



Depth to Water
(Feet)



SOURCE: 00M8MW22

Sampling Dates:
09/30/1998 - 06/28/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 12 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-02-2004 X:\MtechData\M-8\M8.WSF

	Lab	2-Butan one	Trichloro ethene	Tetra chloro ethene	Chloro benzene	cis-1,2-Di chloro ethene	Benzene	Vinyl Chloride	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	300	1	1	4	10	1	5	-		-
04/14/1999	FMETL	ND	ND	6.56	ND	ND	ND	ND	8.65		V,S,P,M
04/28/1999	FMETL	ND	ND	ND	ND	2.74	ND	ND	8.88		V,S,P,M
09/23/1999	FMETL	ND	1.94	1.62	ND	6.44	ND	1.18	8.85		V,S,P,M
12/28/1999	FMETL	ND	ND	7.38	ND	ND	ND	ND	8.75		V,S,P,M
03/15/2000	FMETL	ND	2.70	ND	ND	5.47	ND	ND	8.58		V,S,P,M
06/05/2000	FMETL	ND	ND	4.50	ND	ND	ND	ND	8.81		V,S,P,M
09/06/2000	FMETL	ND	ND	ND	ND	6.81	ND	ND	8.71		V,S,P,M
12/13/2000	FMETL	ND	ND	ND	ND	10.99	ND	ND	9.01		V,S,P,M
03/20/2001	FMETL	ND	ND	ND	ND	3.92	ND	ND	8.37		V,S,P,M
03/20/2001D	FMETL	ND	1.66	ND	ND	3.85	ND	ND	8.37		V,S,P,M
06/08/2001	FMETL	ND	ND	ND	ND	8.29	ND	ND	8.85		V,S,P,M
09/24/2001	FMETL	ND	ND	ND	ND	16.42	ND	ND	9.15		V,S,P,M
12/17/2001	FMETL	ND	ND	ND	ND	18.47	ND	ND	5.23		V,S,P,M
03/21/2002	FMETL	ND	1.20	ND	ND	6.85	ND	ND	8.83		V,S,P,M
06/11/2002	FMETL	22.19	ND	ND	ND	15.89	ND	ND	8.83		V,S,P,M
09/23/2002	FMETL	ND	ND	ND	ND	5.86	ND	ND	8.85		V,S,P,M
12/10/2002	FMETL	7.98	ND	ND	ND	5.78	ND	2.06	7.61		V,S,P,M
03/21/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	8.11		V,S,P,M
05/30/2003	FMETL	ND	ND	ND	ND	1.01	ND	ND	8.22		V,S,P,M
08/22/2003	FMETL	ND	ND	ND	ND	11.74	ND	4.07	8.80		V,S,P,M
12/30/2003	FMETL	ND	ND	ND	ND	0.47	ND	ND	8.10		V,S,P,M
03/09/2004	FMETL	ND	ND	ND	ND	2.12	ND	2.40	8.68		V,S,P,M
06/28/2004	FMETL	ND	ND	ND	ND	5.46	ND	5.13	8.98		V

SOURCE: 00M8MW23

Sampling Dates:
04/14/1999 - 06/28/2004

NOTES:

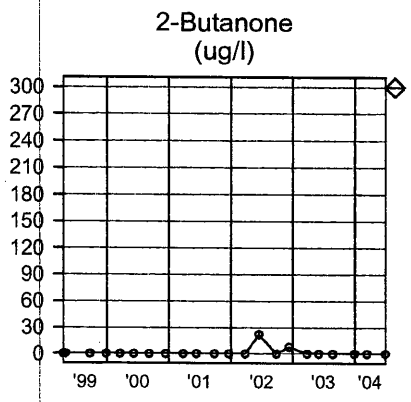
FORT MONMOUTH

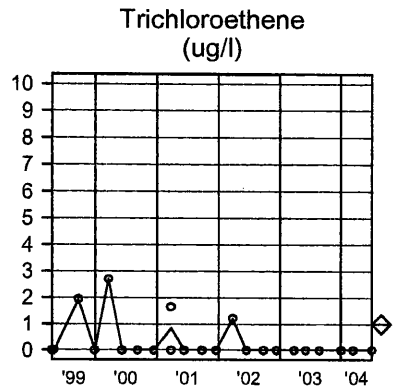
GW MONITORING
M-8 Bldg 697

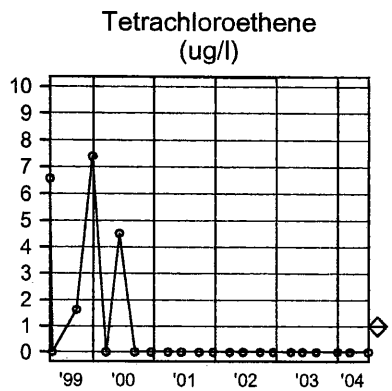
Source 13 of 14

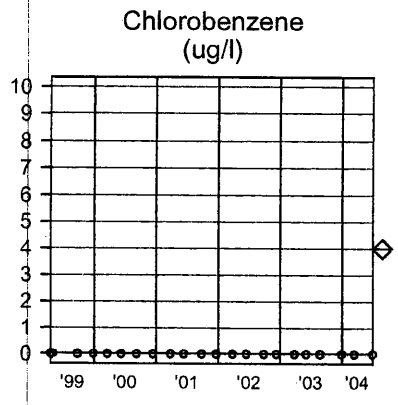
Silver in blank > Criteria, sample date 6/97.

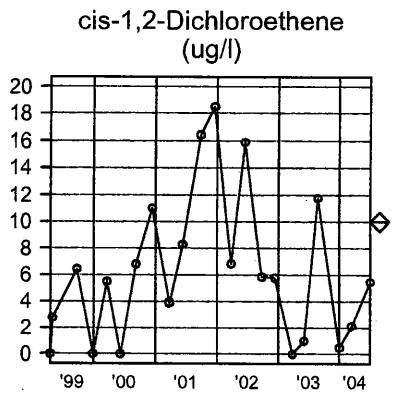
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

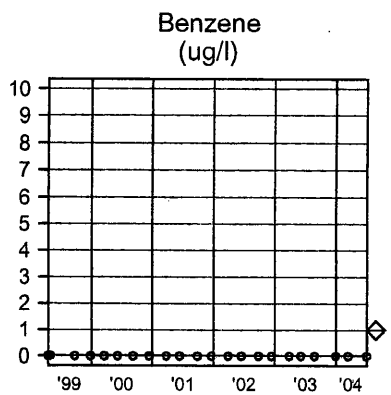


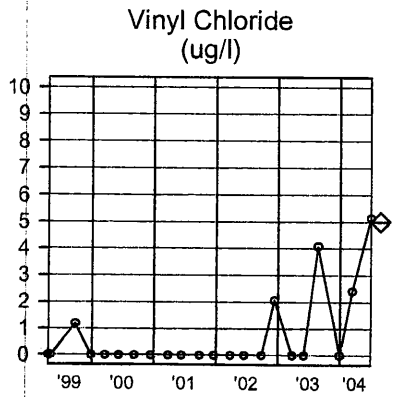


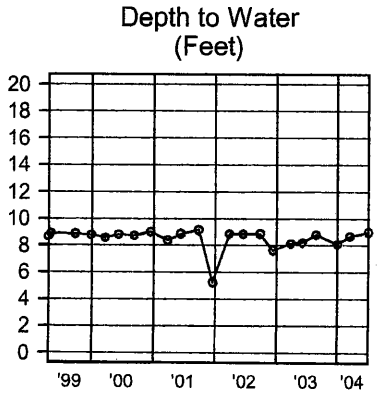












SOURCE: 00M8MW23

Sampling Dates:
04/14/1999 - 06/28/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 13 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-02-2004 X:\MtechData\M-8\M8.WSF

	Lab	2-Butan one	Trichloro ethene	Tetra chloro ethene	Chloro benzene	cis-1,2-Di chloro ethene	Benzene	Vinyl Chloride	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	300	1	1	4	10	1	5	-		-
04/14/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	17.96		V,S,P,M
04/28/1999	FMETL	ND	ND	ND	ND	ND	ND	ND	18.64		V,S,P,M
09/23/1999	FMETL	ND	ND	ND	1.01	ND	ND	ND	18.22		V,S,P,M
03/15/2000	FMETL	ND	ND	ND	1.99	ND	1.67	ND	19.20		V,S,P,M
03/15/2000D	FMETL	ND	ND	ND	1.68	ND	1.39	ND	19.20		V,S,P,M
06/05/2000	FMETL	ND	ND	ND	2.74	ND	1.35	ND	19.46		V,S,P,M
09/06/2000	FMETL	ND	ND	ND	2.91	ND	1.49	ND	19.00		V,S,P,M
12/26/2000	FMETL	ND	ND	ND	1.37	ND	ND	ND	20.35		V,S,P,M
03/31/2001	FMETL	ND	ND	ND	39.77	ND	3.97	ND	18.22		V,S,P,M
03/31/2001D	FMETL	ND	ND	ND	38.86	ND	3.82	ND	18.22		V,S,P,M
06/23/2001	FMETL	ND	ND	ND	1.70	ND	ND	ND	18.92		V,S,P,M
06/23/2001D	FMETL	ND	ND	ND	1.64	ND	ND	ND	18.92		V,S,P,M
09/24/2001	FMETL	ND	ND	ND	2.80	ND	1.28	ND	9.76		V,S,P,M
12/10/2001	FMETL	ND	ND	ND	1.94	ND	1.40	ND	19.71		V,S,P,M
03/27/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	17.61		V,S,P,M
06/22/2002	FMETL	ND	ND	ND	1.78	ND	1.33	ND	17.91		V,S,P,M
09/26/2002	FMETL	ND	ND	ND	2.51	ND	ND	ND	19.50		V,S,P,M
12/13/2002	FMETL	ND	ND	ND	1.42	ND	ND	ND	19.09		V,S,P,M
03/20/2003	FMETL	ND	ND	ND	5.00	ND	ND	ND	19.06		V,S,P,M
06/25/2003	FMETL	ND	ND	ND	3.02	ND	ND	ND	15.23		V,S,P,M
09/08/2003	FMETL	ND	ND	ND	2.15	ND	1.08	ND	13.21		V,S,P,M
11/21/2003	FMETL	ND	ND	ND	1.45	ND	0.65	ND	19.03		V,S,P,M
02/25/2004	FMETL	ND	ND	ND	3.11	ND	1.20	ND	19.71		V,S,P,M
06/28/2004	FMETL	ND	ND	ND	2.61	ND	0.98	ND	19.49		V

SOURCE: 00M8MW24

Sampling Dates:
04/14/1999 - 06/28/2004

NOTES:

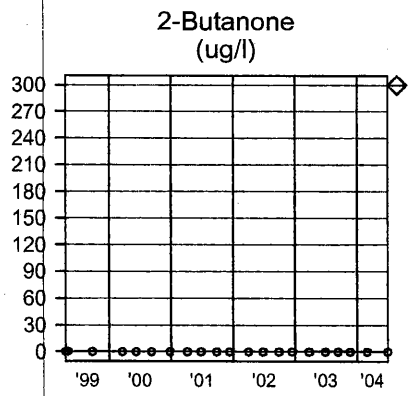
FORT MONMOUTH

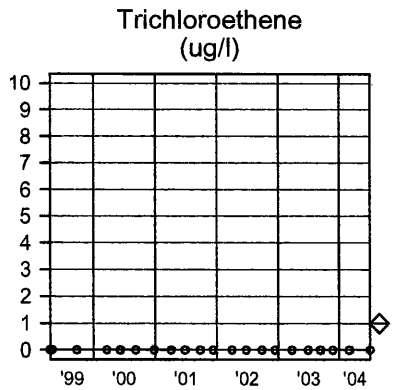
GW MONITORING
M-8 Bldg 697

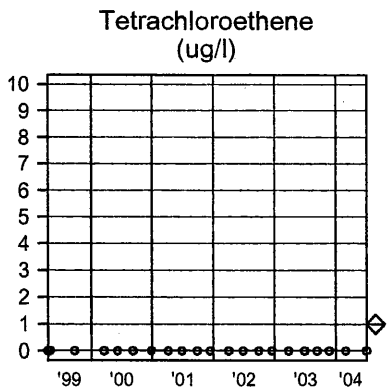
Source 14 of 14

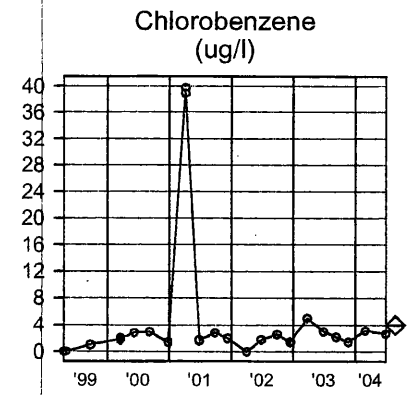
Silver in blank > Criteria, sample date 6/97.

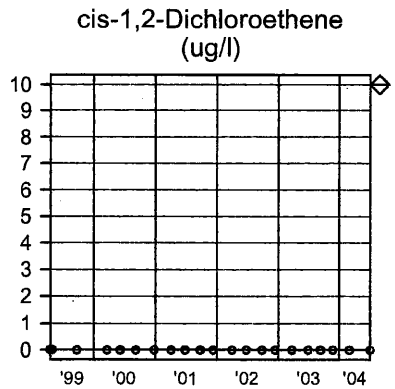
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

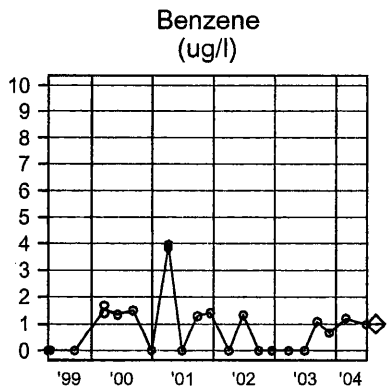


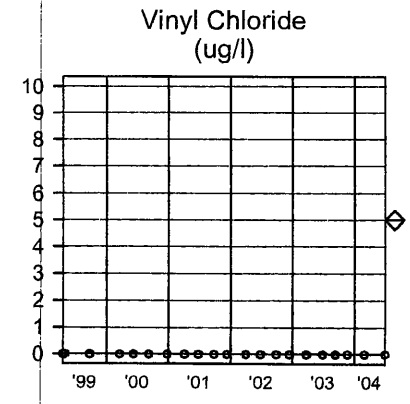


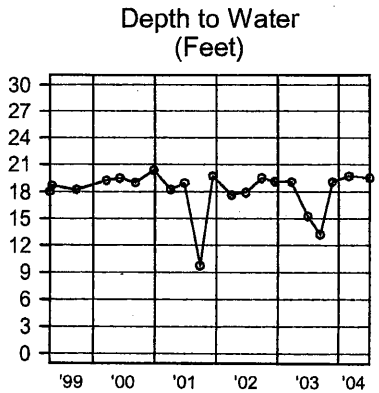












SOURCE: 00M8MW24

Sampling Dates:
04/14/1999 - 06/28/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

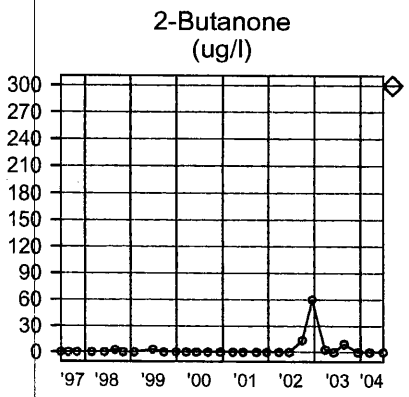
GW MONITORING
M-8 Bldg 697

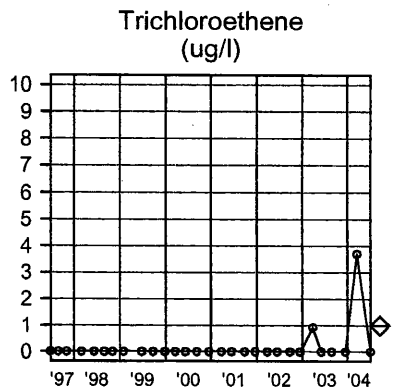
Source 14 of 14, Graph

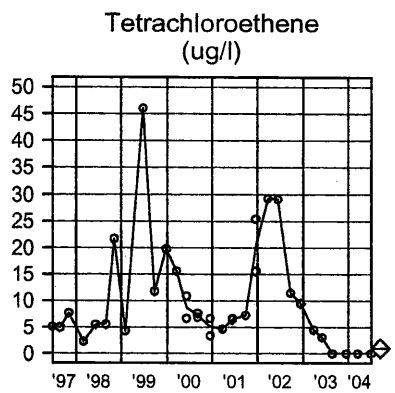
Silver in blank > Criteria, sample date 6/97.

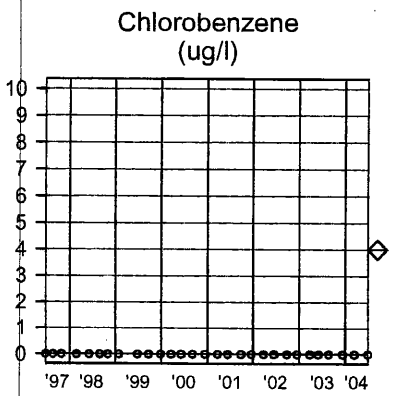
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

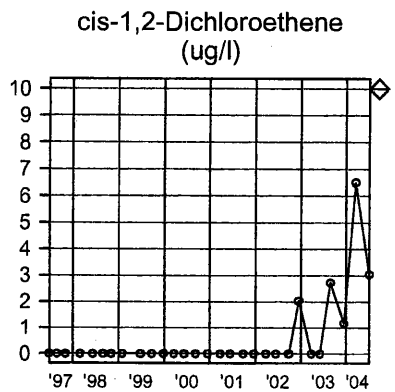
09-02-2004 X:\MtechData\M-8\M8.WSF

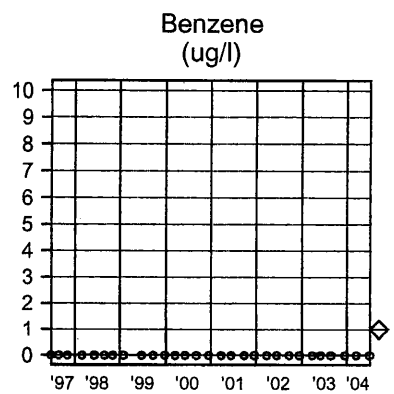


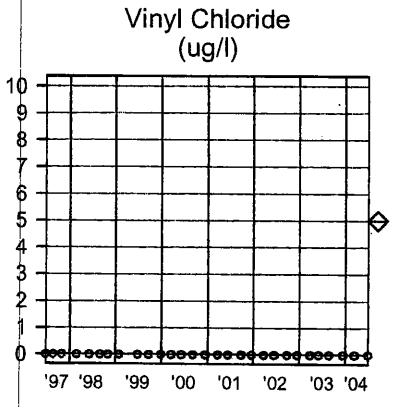


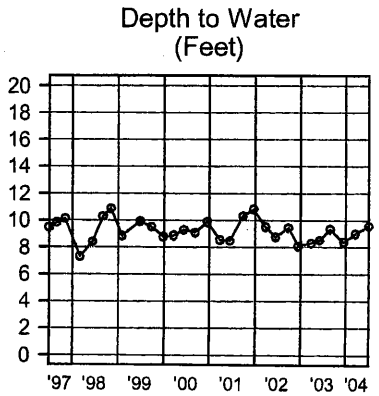












SOURCE: 00M8MW12

Sampling Dates:
06/24/1997 - 06/28/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 1 of 14, Graph

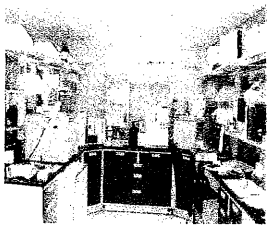
Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-02-2004 X:\MtechData\M-8\M8.WSF

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING



ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: M-8, Bldg. 697

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
4063704	00M8MW12	29-32560	08/30/04
4063705	00M8MW13	29-32561	08/30/04
4063706	00M8MW14	29-32562	08/30/04
4063707	00M8MW15	29-32563	08/30/04
4063708	00M8MW16	29-39146	08/30/04
4063709	00M8MW17	29-39147	08/30/04
4063710	00M8MW18	29-39148	08/30/04
4063711	00M8MW19	29-39149	08/30/04
4063712	00M8MW20	29-39150	08/30/04
4063713	00M8MW21	29-39151	08/30/04
4063714	00M8MW22	29-39152	08/30/04
4063717	0697MW01	29-31778	08/30/04
4063715	00M8MW23	29-40128	08/30/04
4063716	00M8MW24	29-41724	08/30/04

NJDEP Laboratory Certification # 13461

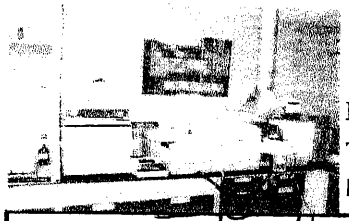
10-5-04

Daniel Wright/~~Date:~~
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B
TARGET COMPOUND LIST	Federal Register 40 CFR Part 136 Appendix A
Base/Neutrals and Acid Extractables by GC/MS	625
Purgeable Organcis by GC/MS	624
Pesticides and PCB's by GC	608



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: 426223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: M8 Wells
3rd Qrtr 04

Samplers Name / Company: Corey McCormack, TVS

Analysis Parameters: VOT15; Hnu/Flud

Comments: HCL/4°C

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOT15							Hnu/Flud	Remarks / Preservation Method
40637 01	Trip	8/30/04	0735	AQ	2	✓							—	VO only, all wells.
02	Field Blank		0830		2	✓							—	M8MW24 reg purge, not flow.
03	Dupe		—		2	✓							—	
04	M8MW12		1525		2	✓							0.0	29-32560
05	M8MW13		1200			✓							0.0	29-32561
06	M8MW14		1135			✓							0.0	29-32562
07	M8MW15		0951			✓							0.0	29-32563
08	M8MW16		0843			✓							0.0	29-39146
09	M8MW17		0850			✓							0.0	29-39147
10	M8MW18		1048			✓							0.0	29-39148
11	M8MW19		1126			✓							0.0	29-39149
12	M8MW20		1155			✓							0.0	29-39150
13	M8MW21		1233			✓							0.0	29-39151
14	M8MW22		1242			✓							0.0	29-39152

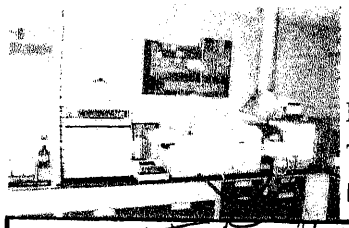
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	8/30/04 1600	J. Fallon			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified, (_)EDD
Turnaround time: (X)Standard 3 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:
Tide: H

print legibly

COC.XLS8/10/2004



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J Fellow
Phone #: 1021223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: M8 wells
3rd Qtr '04

Samplers Name / Company: Corey McCormack, TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOTIS							Hexavalent	Remarks / Preservation Method
40687 15	M8 MW 23	8/30/04	1405	AQ	2	✓							0.0	29 - 40128
16	M8 MW 24 *		0906			✓							0.0	29 - 41724
17	~~M8 MW2~~ 697MW01		0922			✓							0.0	29 - 31776

Comments: MU/24°C

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	8/30/04 1600	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified, (_)EDD
Turnaround time: (X)Standard 3 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:
Tide: H

print legibly

COC.XLS8/10/2004

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW12
NJDEP ID #: 29-32560
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/30/04
WEATHER: Overcast and humid.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 8.76 ft
DEPTH OF WELL: 17.25 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.49 ft
(8.49) X .65 X 3 =16.55
GALLONS OF H_2O TO BE PURGED: 17 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 14:10
pH 6.47 su — TEMP 18.17 °C
DISSOLVED O_2 3.17 mg/L — SPECIFIC CONDUCTIVITY 510.0 µs/cm

PURGE END TIME: 15:24
pH 6.34 su — TEMP 17.41 °C
DISSOLVED O_2 2.21 mg/L — SPECIFIC CONDUCTIVITY 591.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.09 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 17 gal

SAMPLE START TIME: 15:25
pH 6.35 su — TEMP 17.40 °C
DISSOLVED O_2 2.17 mg/L — SPECIFIC CONDUCTIVITY 589.0 µs/cm

SAMPLE END TIME: 15:28

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW13
NJDEP ID #: 29-32561
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/30/04
WEATHER: Overcast and humid.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 6.41 ft
DEPTH OF WELL: 18.82 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 12.41 ft
(12.41) X .65 X 3 =24.19
GALLONS OF H_2O TO BE PURGED: 24 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:15
pH 6.91 su — TEMP 18.11 °C
DISSOLVED O_2 3.07 mg/L — SPECIFIC CONDUCTIVITY 351.0 µs/cm

PURGE END TIME: 11:59
pH 6.87 su — TEMP 17.21 °C
DISSOLVED O_2 2.11 mg/L — SPECIFIC CONDUCTIVITY 199.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.17 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 24 gal

SAMPLE START TIME: 12:00
pH 6.86 su — TEMP 17.20 °C
DISSOLVED O_2 2.07 mg/L — SPECIFIC CONDUCTIVITY 201.0 µs/cm

SAMPLE END TIME: 12:03

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW14
NJDEP ID #: 29-32562
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/30/04
WEATHER: Overcast and humid.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 7.93 ft
DEPTH OF WELL: 16.69 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.76 ft
(8.76) X .65 X 3 =17.08
GALLONS OF H_2O TO BE PURGED: 17 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:20
pH 7.17 su — TEMP 18.40 °C
DISSOLVED O_2 3.20 mg/L — SPECIFIC CONDUCTIVITY 1111.0 µs/cm

PURGE END TIME: 11:34
pH 7.10 su — TEMP 17.30 °C
DISSOLVED O_2 2.07 mg/L — SPECIFIC CONDUCTIVITY 1170.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 10.59 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 17 gal

SAMPLE START TIME: 11:35
pH 7.11 su — TEMP 17.31 °C
DISSOLVED O_2 2.07 mg/L — SPECIFIC CONDUCTIVITY 1171.0 µs/cm

SAMPLE END TIME: 11:38

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW15
NJDEP ID #: 29-32563
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/30/04
WEATHER: Overcast and humid.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 5.31 ft
DEPTH OF WELL: 16.51 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.20 ft
(11.20) X .65 X 3 =21.84
GALLONS OF H_2O TO BE PURGED: 22 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:15
pH 7.05 su — TEMP 17.98 °C
DISSOLVED O_2 3.32 mg/L — SPECIFIC CONDUCTIVITY 200.0 µs/cm

PURGE END TIME: 09:50
pH 6.40 su — TEMP 17.11 °C
DISSOLVED O_2 2.20 mg/L — SPECIFIC CONDUCTIVITY 163.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 5.91 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 22 gal

SAMPLE START TIME: 09:51
pH 6.90 su — TEMP 17.11 °C
DISSOLVED O_2 2.20 mg/L — SPECIFIC CONDUCTIVITY 163.0 µs/cm

SAMPLE END TIME: 09:53

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW16
NJDEP ID #: 29-39146
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/30/04
WEATHER: Overcast and humid.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 8.10 ft
DEPTH OF WELL: 15.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.40 ft
(7.40) X .163 X 3 =3.61
GALLONS OF H_2O TO BE PURGED: 4 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:25
pH 7.00 su — TEMP 17.91 °C
DISSOLVED O_2 3.63 mg/L — SPECIFIC CONDUCTIVITY 1591.0 µs/cm

PURGE END TIME: 08:42
pH 6.91 su — TEMP 17.38 °C
DISSOLVED O_2 2.10 mg/L — SPECIFIC CONDUCTIVITY 1211.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.37 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 4 gal

SAMPLE START TIME: 08:43
pH 6.91 su — TEMP 17.39 °C
DISSOLVED O_2 2.11 mg/L — SPECIFIC CONDUCTIVITY 1207.0 µs/cm

SAMPLE END TIME: 08:45

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW17
NJDEP ID #: 29-39147
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/30/04
WEATHER: Overcast and humid.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 6.20 ft
DEPTH OF WELL: 15.40 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.20 ft
(9.20) X .163 X 3 =4.49
GALLONS OF H_2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:27
pH 7.27 su — TEMP 17.59 °C
DISSOLVED O_2 3.17 mg/L — SPECIFIC CONDUCTIVITY 2110.0 µs/cm

PURGE END TIME: 08:49
pH 7.11 su — TEMP 16.81 °C
DISSOLVED O_2 2.16 mg/L — SPECIFIC CONDUCTIVITY 1763.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.11 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 08:50
pH 7.12 su — TEMP 16.82 °C
DISSOLVED O_2 2.15 mg/L — SPECIFIC CONDUCTIVITY 1761.0 µs/cm

SAMPLE END TIME: 08:53

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW18
NJDEP ID #: 29-39148
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/30/04
WEATHER: Overcast and humid.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 6.31 ft
DEPTH OF WELL: 16.55 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.24 ft
(10.24) X .163 X 3 =5.00
GALLONS OF H_2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 10:25
pH 7.30 su — TEMP 17.51 °C
DISSOLVED O_2 3.41 mg/L — SPECIFIC CONDUCTIVITY 176.0 µs/cm

PURGE END TIME: 10:47
pH 7.17 su — TEMP 16.81 °C
DISSOLVED O_2 2.14 mg/L — SPECIFIC CONDUCTIVITY 211.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.54 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 10:48
pH 7.16 su — TEMP 16.82 °C
DISSOLVED O_2 2.14 mg/L — SPECIFIC CONDUCTIVITY 209.0 µs/cm

SAMPLE END TIME: 10:51

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW19
NJDEP ID #: 29-39149
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/30/04
WEATHER: Overcast and humid.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 7.40 ft
DEPTH OF WELL: 17.50 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.10 ft
(10.10) X .163 X 3 =4.93
GALLONS OF H_2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 11:03
pH 7.03 su
TEMP 17.91 °C
DISSOLVED O_2 2.97 mg/L
SPECIFIC CONDUCTIVITY 1176.0 µs/cm

PURGE END TIME: 11:25
pH 7.05 su
TEMP 17.11 °C
DISSOLVED O_2 1.98 mg/L
SPECIFIC CONDUCTIVITY 1130.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.20 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 11:26
pH 7.06 su
TEMP 17.11 °C
DISSOLVED O_2 1.97 mg/L
SPECIFIC CONDUCTIVITY 1127.0 µs/cm

SAMPLE END TIME: 11:29

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW20
NJDEP ID #: 29-39150
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/30/04
WEATHER: Overcast and humid.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 6.89 ft
DEPTH OF WELL: 17.35 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 10.46 ft
(10.46) X .163 X 3 =5.11
GALLONS OF H_2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 11:32
pH 6.31 su — TEMP 17.41 °C
DISSOLVED O_2 3.00 mg/L — SPECIFIC CONDUCTIVITY 231.0 µs/cm

PURGE END TIME: 12:32
pH 6.81 su — TEMP 17.11 °C
DISSOLVED O_2 2.12 mg/L — SPECIFIC CONDUCTIVITY 197.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.17 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 12:33
pH 6.82 su — TEMP 17.10 °C
DISSOLVED O_2 2.11 mg/L — SPECIFIC CONDUCTIVITY 196.0 µs/cm

SAMPLE END TIME: 12:36

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW21
NJDEP ID #: 29-39151
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/30/04
WEATHER: Overcast and humid.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 6.21 ft
DEPTH OF WELL: 15.75 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 9.54 ft
(9.54) X .163 X 3 =4.66
GALLONS OF H_2O TO BE PURGED: 5 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) : PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 12:10
pH 7.10 su — TEMP 17.41 °C
DISSOLVED O_2 3.12 mg/L — SPECIFIC CONDUCTIVITY 231.0 µs/cm

PURGE END TIME: 12:32
pH 6.81 su — TEMP 17.11 °C
DISSOLVED O_2 2.21 mg/L — SPECIFIC CONDUCTIVITY 197.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 7.17 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 5 gal

SAMPLE START TIME: 12:33
pH 6.82 su — TEMP 17.10 °C
DISSOLVED O_2 2.19 mg/L — SPECIFIC CONDUCTIVITY 196.0 µs/cm

SAMPLE END TIME: 12:36

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW22
NJDEP ID #: 29-39152
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/30/04
WEATHER: Overcast and humid.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2" INCH
DEPTH TO WATER: 6.51 ft
DEPTH OF WELL: 18.00 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 11.49 ft
(11.49) X .163 X 3 =5.61
GALLONS OF H_2O TO BE PURGED: 6 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 12:15
pH 7.33 su — TEMP 17.81 °C
DISSOLVED O_2 3.20 mg/L — SPECIFIC CONDUCTIVITY 363.0 µs/cm

PURGE END TIME: 12:41
pH 7.11 su — TEMP 17.21 °C
DISSOLVED O_2 2.17 mg/L — SPECIFIC CONDUCTIVITY 476.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 8.41 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 6 gal

SAMPLE START TIME: 12:42
pH 7.10 su — TEMP 17.21 °C
DISSOLVED O_2 2.16 mg/L — SPECIFIC CONDUCTIVITY 477.0 µs/cm

SAMPLE END TIME: 12:45

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW23
NJDEP ID #: 29-40128
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/30/04
WEATHER: Overcast and humid.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 8.71 ft
DEPTH OF WELL: 16.72 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 8.01 ft
(8.01) X .65 X 3 =15.61
GALLONS OF H_2O TO BE PURGED: 16 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 12:55
pH 6.39 su — TEMP 17.91 °C
DISSOLVED O_2 2.91 mg/L — SPECIFIC CONDUCTIVITY 391.0 µs/cm

PURGE END TIME: 14:04
pH 5.81 su — TEMP 17.20 °C
DISSOLVED O_2 1.99 mg/L — SPECIFIC CONDUCTIVITY 451.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 9.61 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 16 gal

SAMPLE START TIME: 14:05
pH 5.82 su — TEMP 17.21 °C
DISSOLVED O_2 2.00 mg/L — SPECIFIC CONDUCTIVITY 450.0 µs/cm

SAMPLE END TIME: 14:07

COMMENTS:

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 00M8MW24
NJDEP ID #: 29-41724
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/30/04
WEATHER: Overcast and humid.
TIDE: High

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 19.21 ft
DEPTH OF WELL: 46.32 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 27.11 ft
(27.11) X .163 X 3 =52.86
GALLONS OF H_2O TO BE PURGED: 53 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) 2" Submerable
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:35
pH 6.31 su — TEMP 17.11 °C
DISSOLVED O_2 2.71 mg/L — SPECIFIC CONDUCTIVITY 371.0 µs/cm

PURGE END TIME: 09:05
pH 6.21 su — TEMP 16.21 °C
DISSOLVED O_2 1.41 mg/L — SPECIFIC CONDUCTIVITY 311.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 23.71 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 53 gal

SAMPLE START TIME: 09:06
pH 6.79 su — TEMP 16.20 °C
DISSOLVED O_2 1.40 mg/L — SPECIFIC CONDUCTIVITY 309.0 µs/cm

SAMPLE END TIME: 09:09

COMMENTS: DUP. Here.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M8
MW#: 0697MW01
NJDEP ID #: 29-31776
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 08/30/04
WEATHER: Overcast and humid.
TIDE: High.

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 4" INCH
DEPTH TO WATER: 12.76 ft
DEPTH OF WELL: 19.80 ft
DEPTH TO TOP OF SCREEN: N/A ft
HEIGHT OF WATER: 7.04 ft
(7.04) X .65 X 3 =13.72
GALLONS OF H_2O TO BE PURGED: 14 gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm) PERISTALTIC
PURGE RATE: 0.23 gpm
Hnu READING: 0.0 ppm

PURGE START TIME: 08:20
pH 5.41 su — TEMP 18.76 °C
DISSOLVED O_2 3.21 mg/L — SPECIFIC CONDUCTIVITY 876.0 µs/cm

PURGE END TIME: 09:21
pH 5.17 su — TEMP 17.31 °C
DISSOLVED O_2 2.17 mg/L — SPECIFIC CONDUCTIVITY 981.0 µs/cm

DEPTH TO H_2O AFTER PURGE AND BEFORE SAMPLING: 13.01 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)
TOTAL VOLUME PURGED: 14 gal

SAMPLE START TIME: 09:22
pH 5.16 su — TEMP 17.30 °C
DISSOLVED O_2 2.17 mg/L — SPECIFIC CONDUCTIVITY 982.0 µs/cm

SAMPLE END TIME: 09:25

COMMENTS:

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

U: The compound was analyzed for but not detected.

B: Indicates that the compound was found in the associated method blank as well as in the sample.

J: Indicates an estimated value. This flag is used:

(1) When the mass spec and retention time data indicate the presence of a compound however the result is less than the MDL but greater than zero.

(2) When estimating the concentration of a tentatively identified compound (TIC), where a 1:1 response is assumed.

D: This flag is used to identify all compounds (target or TIC) that required a dilution.

E: Indicates the compound's concentration exceeds the calibration range of the instrument for that specific analysis.

N: This flag is only used for TICs. It indicates the presumptive evidence of a compound. For a generic characterization of a TIC, such as unknown hydrocarbon, the flag is not used.

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017487.D	Sample Name	MB 09Sept04
Operator	Skelton	Field ID	MB 09Sept04+
Date Acquired	9 Sep 2004 6:02 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	12.11	42958	3.35 ug/L	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 09Sept04**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40637 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: MB 09Sept04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017487.D

Level: (low/med) LOW Date Received: 8/30/2004

% Moisture: not dec. _____ Date Analyzed: 9/9/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB017488.D**	Sample Name	**4063701**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**9 Sep 2004 6:40 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.67	17359	0.33 ug/L	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40637 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4063701

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017488.D

Level: (low/med) LOW Date Received: 8/30/2004

% Moisture: not dec. Date Analyzed: 9/9/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB017489.D**	Sample Name	**4063702**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**9 Sep 2004 7:17 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40637 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4063702

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017489.D

Level: (low/med) LOW Date Received: 8/30/2004

% Moisture: not dec. Date Analyzed: 9/9/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB017490.D**	Sample Name	**4063703**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**9 Sep 2004 7:54 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene	18.15	120123	1.12 ug/L	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene	25.70	212025	2.52 ug/L	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.73	54428	0.39 ug/L	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene	30.20	49730	0.71 ug/L	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40637 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4063703

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017490.D

Level: (low/med) LOW Date Received: 8/30/2004

% Moisture: not dec. Date Analyzed: 9/9/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB017491.D**	Sample Name	**4063704**
Operator	**Skelton**	Field ID	**M8MW12**
Date Acquired	**9 Sep 2004 8:32 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.87	191149	5.47 ug/L	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW12**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40637 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4063704

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017491.D

Level: (low/med) LOW Date Received: 8/30/2004

% Moisture: not dec. _____ Date Analyzed: 9/9/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB017492.D**	Sample Name	**4063705**
Operator	**Skelton**	Field ID	**M8MW13**
Date Acquired	**9 Sep 2004 9:09 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW13**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40637 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4063705

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017492.D

Level: (low/med) LOW Date Received: 8/30/2004

% Moisture: not dec. Date Analyzed: 9/9/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017493.D	Sample Name	4063706
Operator	Skelton	Field ID	M8MW14
Date Acquired	9 Sep 2004 9:47 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene	25.70	220548	2.67 ug/L	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene	30.21	44966	0.65 ug/L	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW14**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40637 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4063706

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017493.D

Level: (low/med) LOW Date Received: 8/30/2004

% Moisture: not dec. Date Analyzed: 9/9/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017494.D	Sample Name	4063707
Operator	Skelton	Field ID	M8MW15
Date Acquired	9 Sep 2004 10:24 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene	25.69	191771	2.39 ug/L	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene	30.20	28407	0.42 ug/L	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW15**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40637 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4063707

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017494.D

Level: (low/med) LOW Date Received: 8/30/2004

% Moisture: not dec. Date Analyzed: 9/9/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017495.D	Sample Name	4063708
Operator	Skelton	Field ID	M8MW16
Date Acquired	9 Sep 2004 11:02 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.88	50145	0.88 ug/L	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene	25.69	410789	5.06 ug/L	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene	30.20	78099	1.15 ug/L	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW16**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40637 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4063708

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017495.D

Level: (low/med) LOW Date Received: 8/30/2004

% Moisture: not dec. Date Analyzed: 9/9/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB017496.D**	Sample Name	**4063709**
Operator	**Skelton**	Field ID	**M8MW17**
Date Acquired	**9 Sep 2004 11:39 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene	25.70	357804	4.41 ug/L	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene	30.21	72785	1.07 ug/L	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW17**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40637 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4063709

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017496.D

Level: (low/med) LOW Date Received: 8/30/2004

% Moisture: not dec. Date Analyzed: 9/9/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB017497.D**	Sample Name	**4063710**
Operator	**Skelton**	Field ID	**M8MW18**
Date Acquired	**10 Sep 2004 12:16 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene	25.69	1092303	13.86 ug/L	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene	30.20	296147	4.49 ug/L	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene	31.04	21830	0.37 ug/L	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW18**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40637 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4063710

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017497.D

Level: (low/med) LOW Date Received: 8/30/2004

% Moisture: not dec. _____ Date Analyzed: 9/10/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB017498.D**	Sample Name	**4063711**
Operator	**Skelton**	Field ID	**M8MW19**
Date Acquired	**10 Sep 2004 12:54 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW19**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40637 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4063711

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017498.D

Level: (low/med) LOW Date Received: 8/30/2004

% Moisture: not dec. Date Analyzed: 9/10/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB017499.D**	Sample Name	**4063712**
Operator	**Skelton**	Field ID	**M8MW20**
Date Acquired	**10 Sep 2004 1:31 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW20**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40637 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4063712

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017499.D

Level: (low/med) LOW Date Received: 8/30/2004

% Moisture: not dec. Date Analyzed: 9/10/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB017500.D**	Sample Name	**4063713**
Operator	**Skelton**	Field ID	**M8MW21**
Date Acquired	**10 Sep 2004 2:09 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW21**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40637 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4063713

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017500.D

Level: (low/med) LOW Date Received: 8/30/2004

% Moisture: not dec. Date Analyzed: 9/10/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB017501.D**	Sample Name	**4063714**
Operator	**Skelton**	Field ID	**M8MW22**
Date Acquired	**10 Sep 2004 2:46 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW22**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40637 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4063714

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017501.D

Level: (low/med) LOW Date Received: 8/30/2004

% Moisture: not dec. Date Analyzed: 9/10/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB017502.D**	Sample Name	**4063715**
Operator	**Skelton**	Field ID	**M8MW23**
Date Acquired	**10 Sep 2004 3:24 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride	5.47	104646	13.71 ug/L	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.88	277141	8.29 ug/L	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.55	25280	0.95 ug/L	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW23**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40637 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4063715

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017502.D

Level: (low/med) LOW Date Received: 8/30/2004

% Moisture: not dec. Date Analyzed: 9/10/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017503.D	Sample Name	4063716
Operator	Skelton	Field ID	M8MW24
Date Acquired	10 Sep 2004 4:01 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene	18.15	110707	1.16 ug/L	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene	25.69	195940	2.56 ug/L	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.73	53022	0.42 ug/L	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene	30.20	44878	0.70 ug/L	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M8MW24**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40637 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4063716

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017503.D

Level: (low/med) LOW Date Received: 8/30/2004

% Moisture: not dec. Date Analyzed: 9/10/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB017504.D**	Sample Name	**4063717**
Operator	**Skelton**	Field ID	**697MW01**
Date Acquired	**10 Sep 2004 4:38 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifier
107028	Acrolein			not detected	50	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	50	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	30	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	5	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	10	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	700	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.34 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	300	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	10	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	6	0.32 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	30	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	1	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	1000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	10	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene	25.69	159293	2.06 ug/L	4	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	100	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.31 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **697MW01**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 40637 Location: M8 SDG No.: Wells

Matrix: (soil/water) WATER Lab Sample ID: 4063717

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017504.D

Level: (low/med) LOW Date Received: 8/30/2004

% Moisture: not dec. _____ Date Analyzed: 9/10/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

	Lab	2-Butan one	Tetra chloro ethene	cis-1,2-Di chloro ethene	Trichloro ethene	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	300	1	10	1	-					-
06/24/1997	FMETL	ND	5.04	ND	ND	9.45					V,S,P,M
08/25/1997	FMETL	ND	4.96	ND	ND	9.80					V,S,P,M
10/31/1997	FMETL	ND	7.64	ND	ND	10.10					V,S,P,M
02/25/1998	FMETL	ND	2.25	ND	ND	7.31					V,S,P,M
06/04/1998	FMETL	ND	5.49	ND	ND	8.41					V,S,P,M
08/28/1998	FMETL	2.50	5.56	ND	ND	10.29					V,S,P,M
11/04/1998	FMETL	ND	21.68	ND	ND	10.86					V,S,P,M
01/27/1999	FMETL	ND	4.27	ND	ND	8.84					V,S,P,M
06/22/1999	FMETL	2.89	46.06	ND	ND	9.91					V,S,P,M
09/23/1999	FMETL	ND	11.77	ND	ND	9.52					V,S,P,M
12/28/1999	FMETL	ND	19.76	ND	ND	8.76					V,S,P,M
03/15/2000	FMETL	ND	15.64	ND	ND	8.86					V,S,P,M
06/05/2000	FMETL	ND	10.89	ND	ND	9.28					V,S,P,M
06/05/2000D	FMETL	ND	6.66	ND	ND	9.28					V,S,P,M
09/06/2000	FMETL	ND	7.63	ND	ND	9.06					V,S,P,M
09/06/2000D	FMETL	ND	6.93	ND	ND	9.06					V,S,P,M
12/13/2000	FMETL	ND	3.42	ND	ND	9.86					V,S,P,M
12/13/2000D	FMETL	ND	6.68	ND	ND	9.86					V,S,P,M
03/20/2001	FMETL	ND	4.72	ND	ND	8.54					V,S,P,M
06/08/2001	FMETL	ND	6.59	ND	ND	8.47					V,S,P,M
06/08/2001D	FMETL	ND	6.41	ND	ND	8.47					V,S,P,M
09/24/2001	FMETL	ND	7.24	ND	ND	10.30					V,S,P,M
12/17/2001	FMETL	ND	25.43	ND	ND	10.81					V,S,P,M
12/17/2001D	FMETL	ND	15.60	ND	ND	10.81					V,S,P,M
03/21/2002	FMETL	ND	29.19	ND	ND	9.49					V,S,P,M
06/11/2002	FMETL	ND	29.04	ND	ND	8.75					V,S,P,M
09/23/2002	FMETL	14.04	11.44	ND	ND	9.42					V,S,P,M
12/13/2002	FMETL	59.80	9.51	2.03	ND	8.08					V,S,P,M
03/21/2003	FMETL	2.78	4.45	ND	0.92	8.30					V,S,P,M
05/30/2003	FMETL	ND	3.10	ND	ND	8.52					V,S,P,M
08/22/2003	FMETL	9.29	ND	2.73	ND	9.34					V,S,P,M
12/12/2003	FMETL	ND	ND	1.18	ND	8.38					V,S,P,M
03/09/2004	FMETL	ND	ND	6.50	3.70	8.99					V,S,P,M
06/28/2004	FMETL	ND	ND	3.05	ND	9.54					V
08/30/2004	FMETL	ND	ND	5.47	ND	8.76					V

SOURCE: 00M8MW12

Sampling Dates:
06/24/1997 - 08/30/2004

NOTES:

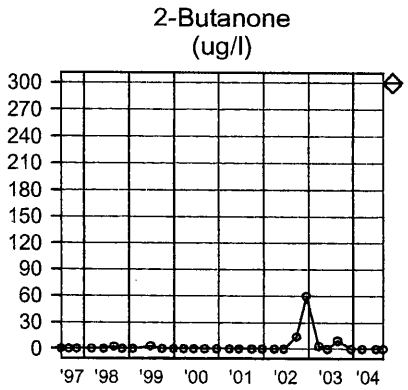
FORT MONMOUTH

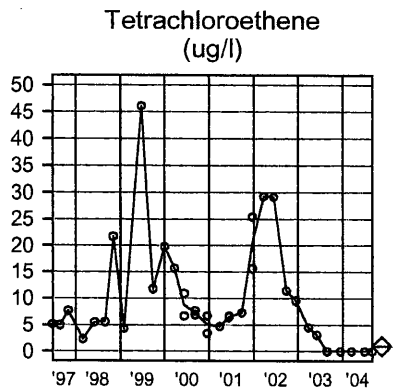
GW MONITORING
M-8 Bldg 697

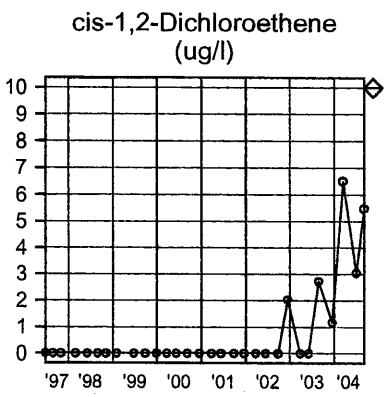
Source 1 of 14

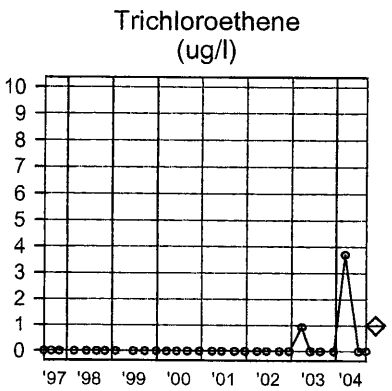
Silver in blank > Criteria, sample date 6/97.

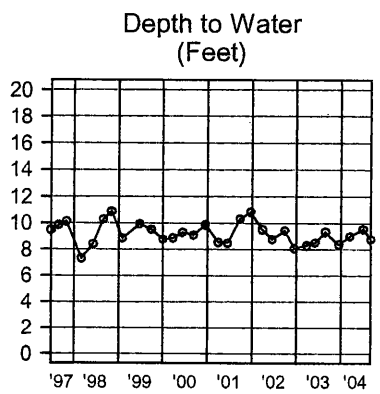
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 00M8MW12

Sampling Dates:
06/24/1997 - 08/30/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 1 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-06-2004 X:\MtechData\M-8\M8.WSF

	Lab	Depth to Water									Notes
Units:	-	Feet									-
NJDEP Criteria:	-	-									-
06/24/1997	FMETL	7.00									V,S,P,M
08/25/1997	FMETL	7.00									V,S,P,M
10/31/1997	FMETL	7.00									V,S,P,M
02/25/1998	FMETL	5.95									V,S,P,M
06/04/1998	FMETL	6.71									V,S,P,M
08/28/1998	FMETL	6.42									V,S,P,M
11/04/1998	FMETL	6.17									V,S,P,M
01/27/1999	FMETL	6.51									V,S,P,M
06/22/1999	FMETL	6.78									V,S,P,M
09/23/1999	FMETL	6.30									V,S,P,M
12/28/1999	FMETL	6.83									V,S,P,M
03/15/2000	FMETL	6.62									V,S,P,M
06/05/2000	FMETL	6.05									V,S,P,M
09/06/2000	FMETL	6.66									V,S,P,M
12/13/2000	FMETL	7.12									V,S,P,M
03/20/2001	FMETL	6.56									V,S,M,P
06/08/2001	FMETL	6.76									V,S,P,M
09/24/2001	FMETL	6.84									V,S,P,M
12/17/2001	FMETL	5.64									V,S,P,M
03/21/2002	FMETL	6.47									V,S,P,M
06/11/2002	FMETL	6.40									V,S,P,M
09/23/2002	FMETL	5.58									V,S,P,M
12/10/2002	FMETL	5.21									V,S,P,M
03/21/2003	FMETL	6.29									V,S,P,M
05/30/2003	FMETL	6.55									V,S,P,M
08/22/2003	FMETL	6.67									V,S,P,M
12/12/2003	FMETL	6.25									V,S,P,M
03/05/2004	FMETL	5.76									V,S,P,M
06/28/2004	FMETL	6.75									V
08/30/2004	FMETL	6.41									V

SOURCE: 00M8MW13

Sampling Dates:
06/24/1997 - 08/30/2004

NOTES:

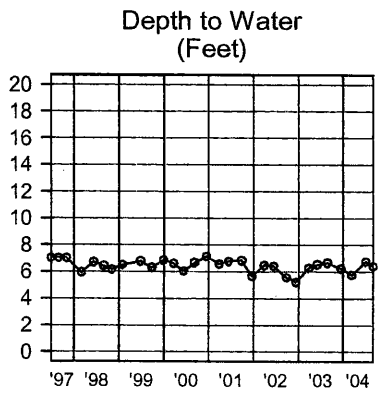
FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 2 of 14

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 00M8MW13

Sampling Dates:
06/24/1997 - 08/30/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 2 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-06-2004 X:\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Depth to Water								Notes
Units:	-	ug/l	Feet								-
NJDEP Criteria:	-	4	-								-
06/24/1997	FMETL	16	8.05								V,S,P,M
08/25/1997	FMETL	6.49	8.15								V,S,P,M
10/31/1997	FMETL	4.38	8.30								V,S,P,M
02/25/1998	FMETL	4.97	6.22								V,S,P,M
06/04/1998	FMETL	7.79	7.68								V,S,P,M
08/28/1998	FMETL	6.47	8.34								V,S,P,M
11/04/1998	FMETL	6.21	8.19								V,S,P,M
01/27/1999	FMETL	3.95	7.45								V,S,P,M
06/22/1999	FMETL	5.12	8.25								V,S,P,M
09/23/1999	FMETL	4.43	7.57								V,S,P,M
12/28/1999	FMETL	ND	7.99								V,S,P,M
03/15/2000	FMETL	2.91	7.64								V,S,P,M
06/05/2000	FMETL	ND	7.86								V,S,P,M
09/06/2000	FMETL	3.03	7.53								V,S,P,M
12/13/2000	FMETL	1.75	8.18								V,S,P,M
03/20/2001	FMETL	1.34	7.78								V,S,P,M
06/08/2001	FMETL	ND	7.88								V,S,P,M
09/24/2001	FMETL	ND	7.91								V,S,P,M
12/17/2001	FMETL	1.03	8.16								V,S,P,M
03/21/2002	FMETL	ND	6.47								V,S,P,M
06/11/2002	FMETL	ND	7.68								V,S,P,M
09/23/2002	FMETL	ND	9.70								V,S,P,M
12/10/2002	FMETL	ND	8.31								V,S,P,M
03/21/2003	FMETL	ND	6.51								V,S,P,M
05/30/2003	FMETL	ND	6.45								V,S,P,M
08/22/2003	FMETL	0.70	8.00								V,S,P,M
12/12/2003	FMETL	ND	7/03								V,S,P,M
03/05/2004	FMETL	ND	7.61								V,S,P,M
06/28/2004	FMETL	3.67	8.15								V
08/30/2004	FMETL	2.67	7.93								V

SOURCE: 00M8MW14

Sampling Dates:
06/24/1997 - 08/30/2004

NOTES:

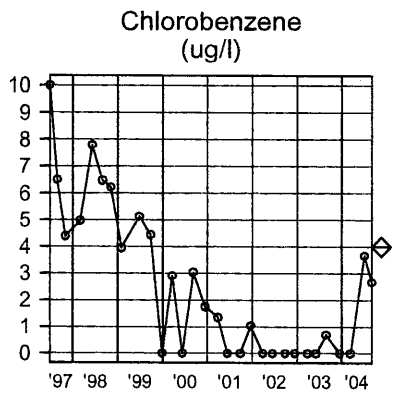
FORT MONMOUTH

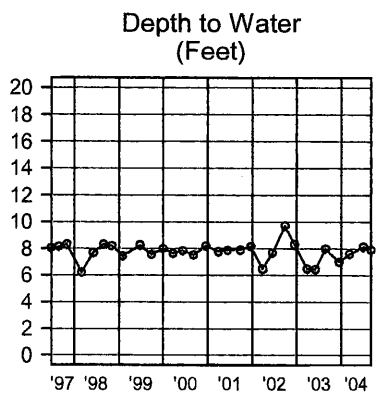
GW MONITORING
M-8 Bldg 697

Source 3 of 14

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV





SOURCE: 00M8MW14

Sampling Dates:
06/24/1997 - 08/30/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 3 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-06-2004 X:\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Benzene	Depth to Water							Notes
Units:	-	ug/l	ug/l	Feet							-
NJDEP Criteria:	-	4	1	-							-
06/24/1997	FMETL	13.7	1.52	6.50							V,S,P,M
08/25/1997	FMETL	9.30	1.28	6.00							V,S,P,M
10/31/1997	FMETL	6.44	ND	6.80							V,S,P,M
02/25/1998	FMETL	ND	ND	3.50							V,S,P,M
06/04/1998	FMETL	12.09	ND	4.76							V,S,P,M
08/28/1998	FMETL	17.78	2.30	5.67							V,S,P,M
11/04/1998	FMETL	29.43	3.11	5.78							V,S,P,M
01/27/1999	FMETL	ND	ND	3.86							V,S,P,M
06/22/1999	FMETL	16.16	2.09	5.69							V,S,P,M
09/23/1999	FMETL	2.91	ND	5.23							V,S,P,M
12/28/1999	FMETL	5.17	ND	5.28							V,S,P,M
03/15/2000	FMETL	ND	ND	4.68							V,S,P,M
06/05/2000	FMETL	ND	ND	6.21							V,S,P,M
09/06/2000	FMETL	6.63	ND	5.12							V,S,P,M
12/13/2000	FMETL	35.03	2.41	5.87							V,S,P,M
03/20/2001	FMETL	12.4	ND	4.56							V,S,P,M
06/08/2001	FMETL	4.14	ND	5.62							V,S,P,M
12/17/2001	FMETL	5.93	ND	5.98							V,S,P,M
03/21/2002	FMETL	ND	ND	4.22							V,S,P,M
06/11/2002	FMETL	2.15	ND	5.55							V,S,P,M
09/25/2002	FMETL	25.81	ND	5.45							V,S,P,M
12/13/2002	FMETL	ND	ND	6.06							V,S,P,M
03/21/2003	FMETL	ND	ND	3.77							V,S,P,M
05/30/2003	FMETL	ND	ND	4.74							V,S,P,M
08/22/2003	FMETL	5.10	ND	5.75							V,S,P,M
12/30/2003	FMETL	ND	ND	3.90							V,S,P,M
03/09/2004	FMETL	ND	ND	4.12							V,S,PM
06/28/2004	FMETL	12.63	ND	5.76							V
08/30/2004	FMETL	2.39	ND	5.31							V

SOURCE: 00M8MW15

Sampling Dates:
06/24/1997 - 08/30/2004

NOTES:

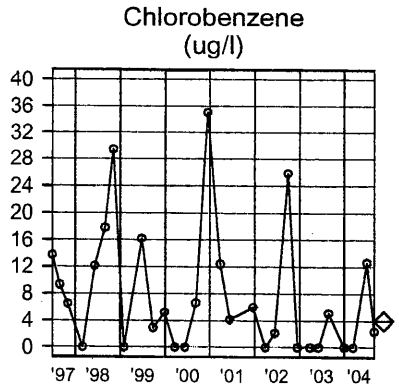
FORT MONMOUTH

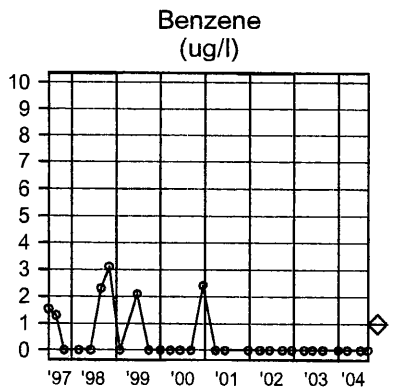
GW MONITORING
M-8 Bldg 697

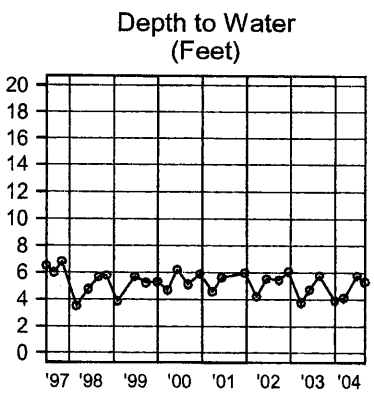
Source 4 of 14

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV







SOURCE: 00M8MW15

Sampling Dates:
06/24/1997 - 08/30/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 4 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-06-2004 X:\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Benzene	Depth to Water							Notes
Units:	-	ug/l	ug/l	Feet							-
NJDEP Criteria:	-	4	1	-							-
09/23/1998	FMETL	1.16	ND	8.93							V,S,P,M
10/20/1998	FMETL	ND	ND	8.55							V,S,P,M
01/27/1999	FMETL	1.12	ND	8.67							V,S,P,M
06/22/1999	FMETL	18.38	2.48	8.52							V,S,P,M
09/23/1999	FMETL	1.74	ND	8.23							V,S,P,M
12/28/1999	FMETL	ND	ND	8.74							V,S,P,M
03/15/2000	FMETL	ND	ND	8.03							V,S,P,M
06/05/2000	FMETL	ND	ND	8.06							V,S,P,M
09/06/2000	FMETL	14.92	1.13	8.27							V,S,P,M
12/13/2000	FMETL	ND	ND	8.73							V,S,P,M
03/20/2001	FMETL	ND	ND	8.25							V,S,P,M
06/08/2001	FMETL	1.02	ND	8.43							V,S,P,M
09/24/2001	FMETL	2.55	ND	8.71							V,S,P,M
12/17/2001	FMETL	ND	ND	8.73							V,S,P,M
03/21/2002	FMETL	ND	ND	7.58							V,S,P,M
06/11/2002	FMETL	ND	ND	8.24							V,S,P,M
09/25/2002	FMETL	8.72	ND	8.41							V,S,P,M
12/13/2002	FMETL	2.02	ND	5.31							V,S,P,M
03/21/2003	FMETL	6.49	ND	7.73							V,S,P,M
05/30/2003	FMETL	ND	ND	7.75							V,S,P,M
08/22/2003	FMETL	24.09	1.74	7.94							V,S,P,M
12/30/2003	FMETL	3.34	ND	8.43							V,S,P,M
03/09/2004	FMETL	10.68	0.60	8.13							V,S,P,M
06/28/2004	FMETL	12.80	0.45	8.78							V
08/30/2004	FMETL	5.06	ND	8.10							V

SOURCE: 00M8MW16

Sampling Dates:
09/23/1998 - 08/30/2004

NOTES:

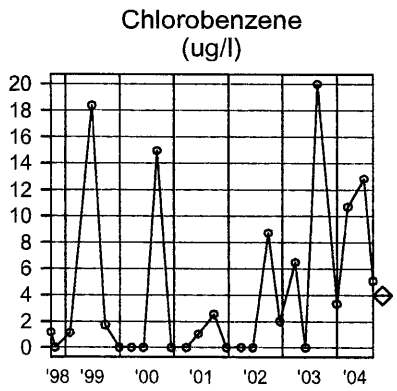
FORT MONMOUTH

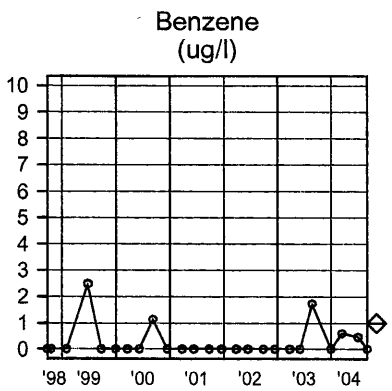
GW MONITORING
M-8 Bldg 697

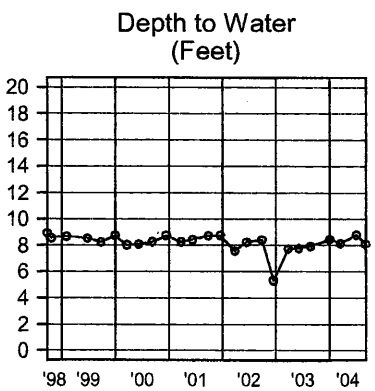
Source 6 of 14

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV







SOURCE: 00M8MW16

Sampling Dates:
09/23/1998 - 08/30/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 6 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-06-2004 X:\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Depth to Water								Notes
Units:	-	ug/l	Feet								-
NJDEP Criteria:	-	4	-								-
09/23/1998	FMETL	2.82	7.08								V,S,P,M
10/20/1998	FMETL	6.61	7.02								V,S,P,M
01/27/1999	FMETL	ND	6.16								V,S,P,M
06/22/1999	FMETL	5.59	6.91								V,S,P,M
09/23/1999	FMETL	ND	6.35								V,S,P,M
12/28/1999	FMETL	5.98	6.53								V,S,P,M
03/15/2000	FMETL	ND	6.29								V,S,P,M
06/05/2000	FMETL	3.96	8.09								V,S,P,M
09/06/2000	FMETL	2.97	6.36								V,S,P,M
12/13/2000	FMETL	2.06	6.69								V,S,P,M
03/20/2001	FMETL	2.53	6.15								V,M,S,P
06/08/2001	FMETL	1.94	6.56								V,S,P,M
09/24/2001	FMETL	4.16	6.74								V,S,P,M
12/17/2001	FMETL	4.15	7.00								V,S,P,M
03/21/2002	FMETL	4.09	6.55								V,S,P,M
06/11/2002	FMETL	6.08	6.55								V,S,P,M
09/25/2002	FMETL	5.52	6.32								V,S,P,M
12/13/2002	FMETL	ND	4.61								V,S,P,M
03/21/2003	FMETL	ND	5.70								V,S,P,M
05/30/2003	FMETL	ND	5.95								V,S,P,M
08/22/2003	FMETL	3.57	6.54								V,S,P,M
12/30/2003	FMETL	0.68	5.91								V,S,P,M
03/09/2004	FMETL	ND	4.08								V,S,P,M
06/28/2004	FMETL	3.19	6.48								V
08/30/2004	FMETL	4.41	6.20								V

SOURCE: 00M8MW17

Sampling Dates:
09/23/1998 - 08/30/2004

NOTES:

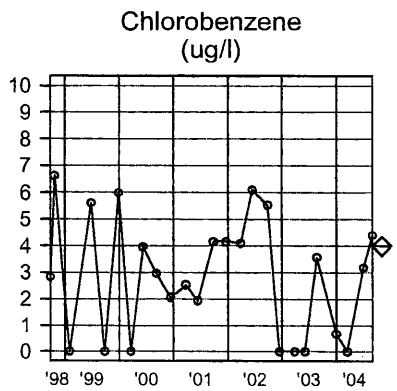
FORT MONMOUTH

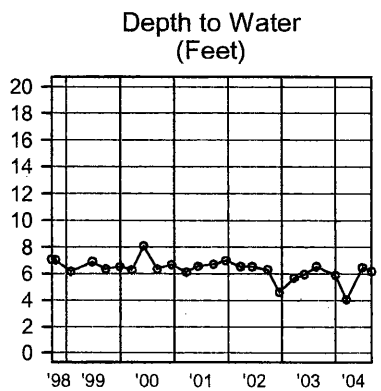
GW MONITORING
M-8 Bldg 697

Source 7 of 14

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV





SOURCE: 00M8MW17

Sampling Dates:
09/23/1998 - 08/30/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 7 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-06-2004 X:\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Depth to Water								Notes
Units:	-	ug/l	Feet								-
NJDEP Criteria:	-	4	-								-
09/30/1998	FMETL	16.43	7.30								V,S,P,M
10/20/1998	FMETL	14.6	7.22								V,S,P,M
01/27/1999	FMETL	17.64	6.83								V,S,P,M
06/22/1999	FMETL	18.38	7.42								V,S,P,M
09/23/1999	FMETL	14.35	6.93								V,S,P,M
12/28/1999	FMETL	10.42	7.08								V,S,P,M
03/15/2000	FMETL	12.56	6.94								V,S,P,M
06/05/2000	FMETL	8.00	6.08								V,S,P,M
09/06/2000	FMETL	18.69	7.06								V,S,P,M
12/13/2000	FMETL	18.69	6.96								V,S,P,M
03/20/2001	FMETL	14.32	6.72								V,S,P,M
06/08/2001	FMETL	16.11	6.76								V,S,P,M
09/24/2001	FMETL	16.33	6.93								V,S,P,M
12/17/2001	FMETL	9.56	6.69								V,S,P,M
03/21/2002	FMETL	12.61	6.55								V,S,P,M
06/11/2002	FMETL	12.33	6.69								V,S,P,M
09/23/2002	FMETL	9.86	6.68								V,S,P,M
12/10/2002	FMETL	4.51	6.20								V,S,P,M
03/21/2003	FMETL	5.44	6.16								V,S,P,M
05/30/2003	FMETL	6.07	6.00								V,S,P,M
08/22/2003	FMETL	17.41	6.90								V,S,P,M
12/12/2003	FMETL	0.72	6.03								V,S,P,M
03/05/2004	FMETL	11.3	6.60								V,S,P,M
06/28/2004	FMETL	12.69	6.89								V
08/30/2004	FMETL	13.86	6.31								V

SOURCE: 00M8MW18

Sampling Dates:
09/30/1998 - 08/30/2004

NOTES:

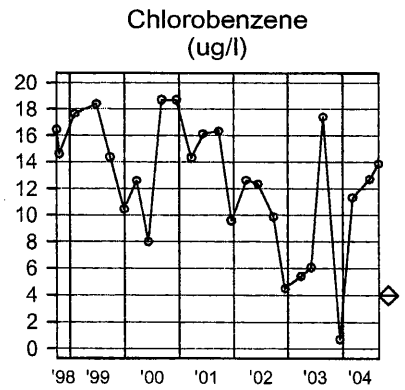
FORT MONMOUTH

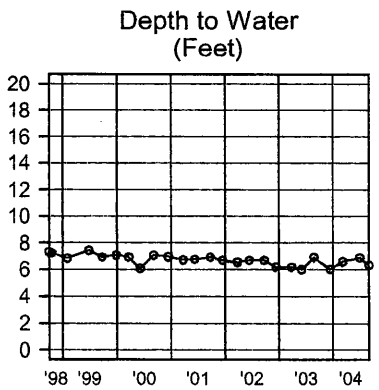
GW MONITORING
M-8 Bldg 697

Source 8 of 14

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV





SOURCE: 00M8MW18

Sampling Dates:
09/30/1998 - 08/30/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 8 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Depth to Water									Notes
Units:	-	Feet									-
NJDEP Criteria:	-	-									-
09/30/1998	FMETL	7.19									V,S,P,M
10/20/1998	FMETL	8.59									V,S,P,M
01/27/1999	FMETL	8.03									V,S,P,M
06/22/1999	FMETL	8.47									V,S,P,M
09/23/1999	FMETL	8.38									V,S,P,M
12/28/1999	FMETL	8.48									V,S,P,M
03/15/2000	FMETL	8.33									V,S,P,M
06/05/2000	FMETL	7.08									V,S,P,M
09/06/2000	FMETL	8.28									V,S,P,M
12/13/2000	FMETL	8.15									V,S,P,M
03/20/2001	FMETL	7.75									V,S,P,M
06/08/2001	FMETL	8.03									V,S,P,M
09/24/2001	FMETL	8.34									V,S,P,M
12/17/2001	FMETL	7.66									V,S,P,M
03/21/2002	FMETL	5.91									V,S,P,M
06/11/2002	FMETL	7.79									V,S,P,M
09/23/2002	FMETL	7.39									V,S,P,M
12/10/2002	FMETL	7.10									V,S,P,M
03/21/2003	FMETL	5.73									V,S,P,M
05/30/2003	FMETL	6.81									V,S,P,M
08/22/2003	FMETL	7.65									V,S,P,M
12/12/2003	FMETL	6.07									V,S,P,M
03/05/2004	FMETL	7.29									V,S,P,M
06/28/2004	FMETL	7.83									V
08/30/2004	FMETL	7.40									V

SOURCE: 00M8MW19

Sampling Dates:
09/30/1998 - 08/30/2004

NOTES:

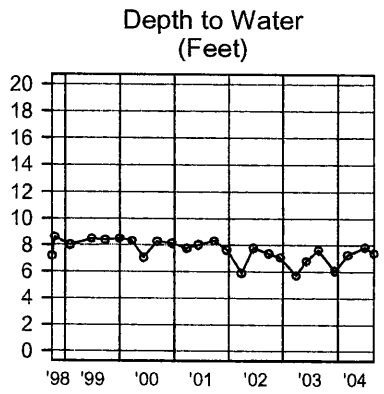
FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 9 of 14

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 00M8MW19

Sampling Dates:
09/30/1998 - 08/30/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 9 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-06-2004 X:\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Depth to Water								Notes
Units:	-	ug/l	Feet								-
NJDEP Criteria:	-	4	-								-
09/30/1998	FMETL	2.16	8.36								V,S,P,M
10/21/1998	FMETL	2.42	8.10								V,S,P,M
01/27/1999	FMETL	ND	7.30								V,S,P,M
06/22/1999	FMETL	1.97	7.76								V,S,P,M
09/23/1999	FMETL	1.24	7.36								V,S,P,M
12/28/1999	FMETL	ND	7.74								V,S,P,M
03/15/2000	FMETL	1.60	7.45								V,S,P,M
06/05/2000	FMETL	ND	6.76								V,S,P,M
09/06/2000	FMETL	ND	7.37								V,S,P,M
12/13/2000	FMETL	ND	8.37								V,S,P,M
03/20/2001	FMETL	ND	7.36								V,S,P,M
06/08/2001	FMETL	ND	7.22								V,S,P,M
09/24/2001	FMETL	ND	7.64								V,S,P,M
12/17/2001	FMETL	ND	7.12								V,S,P,M
03/21/2002	FMETL	ND	6.27								V,S,P,M
06/11/2002	FMETL	ND	7.03								V,S,P,M
09/23/2002	FMETL	ND	7.06								V,S,P,M
12/10/2002	FMETL	ND	6.76								V,S,P,M
03/21/2003	FMETL	ND	6.60								V,S,P,M
05/30/2003	FMETL	ND	6.81								V,S,P,M
08/22/2003	FMETL	ND	7.30								V,S,P,M
12/12/2003	FMETL	ND	7.20								V,S,P,M
03/05/2004	FMETL	ND	7.00								V,S,P,M
06/28/2004	FMETL	ND	7.29								V
08/30/2004	FMETL	ND	6.89								V

SOURCE: 00M8MW20

Sampling Dates:
09/30/1998 - 08/30/2004

NOTES:

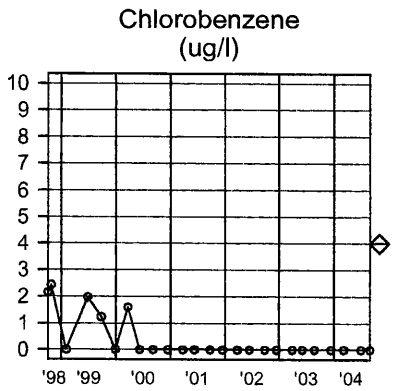
FORT MONMOUTH

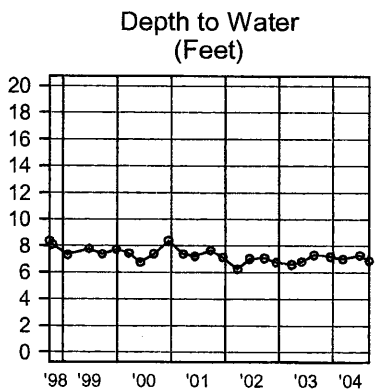
GW MONITORING
M-8 Bldg 697

Source 10 of 14

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV





SOURCE: 00M8MW20

Sampling Dates:
09/30/1998 - 08/30/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 10 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-06-2004 X:\MtechData\M-8\M8.WSF

	Lab	Depth to Water									Notes
Units:	-	Feet									-
NJDEP Criteria:	-	-									-
09/30/1998	FMETL	6.78									V,S,P,M
10/21/1998	FMETL	6.87									V,S,P,M
01/27/1999	FMETL	6.19									V,S,P,M
06/22/1999	FMETL	6.51									V,S,P,M
09/23/1999	FMETL	6.25									V,S,P,M
12/28/1999	FMETL	6.46									V,S,P,M
03/15/2000	FMETL	6.36									V,S,P,M
06/05/2000	FMETL	5.68									V,S,P,M
09/06/2000	FMETL	6.30									V,S,P,M
12/13/2000	FMETL	6.67									V,S,P,M
03/20/2001	FMETL	6.19									V,S,P,M
06/08/2001	FMETL	6.37									V,S,P,M
09/24/2001	FMETL	6.48									V,S,P,M
12/17/2001	FMETL	5.23									V,S,P,M
03/21/2002	FMETL	6.13									V,S,P,M
06/11/2002	FMETL	6.04									V,S,P,M
09/23/2002	FMETL	5.53									V,S,P,M
12/10/2002	FMETL	5.31									V,S,P,M
03/21/2003	FMETL	5.98									V,S,P,M
05/30/2003	FMETL	6.21									V,S,P,M
08/22/2003	FMETL	6.31									V,S,P,M
12/12/2003	FMETL	5.95									V,S,P,M
03/05/2004	FMETL	8.16									V,S,P,M
06/28/2004	FMETL	6.37									V
08/30/2004	FMETL	6.21									V

SOURCE: 00M8MW21

Sampling Dates:
09/30/1998 - 08/30/2004

NOTES:

Well installed 9/98.

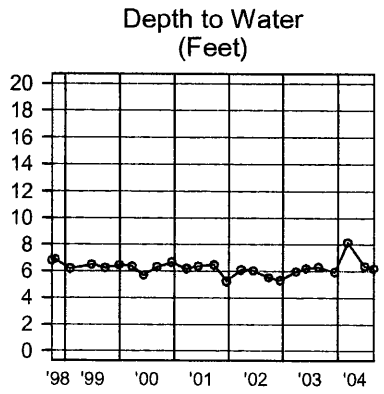
FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 11 of 14

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 00M8MW21

Sampling Dates:
09/30/1998 - 08/30/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 11 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-06-2004 X:\MtechData\M-8\M8.WSF

	Lab	Depth to Water									Notes
Units:	-	Feet									-
NJDEP Criteria:	-	-									-
09/30/1998	FMETL	8.11									V,S,P,M
10/21/1998	FMETL	7.61									V,S,P,M
01/27/1999	FMETL	6.41									V,S,P,M
06/22/1999	FMETL	6.95									V,S,P,M
09/23/1999	FMETL	6.29									V,S,P,M
12/28/1999	FMETL	6.37									V,S,P,M
03/15/2000	FMETL	6.50									V,S,P,M
06/05/2000	FMETL	6.61									V,S,P,M
09/06/2000	FMETL	6.47									V,S,P,M
12/13/2000	FMETL	6.79									V,S,P,M
03/20/2001	FMETL	6.63									V,S,P,M
06/08/2001	FMETL	6.34									V,S,P,M
09/24/2001	FMETL	6.79									V,S,P,M
09/24/2001D	FMETL	6.79									V,S,P,M
12/17/2001	FMETL	5.72									V,S,P,M
03/21/2002	FMETL	6.35									V,S,P,M
06/11/2002	FMETL	6.34									V,S,P,M
09/23/2002	FMETL	8.04									V,S,P,M
12/10/2002	FMETL	7.77									V,S,P,M
03/21/2003	FMETL	6.31									V,S,P,M
05/30/2003	FMETL	6.25									V,S,P,M
12/12/2003	FMETL	6.17									V,S,P,M
03/05/2004	FMETL	6.20									V,S,P,M
06/28/2004	FMETL	6.94									V
08/30/2004	FMETL	6.51									V

SOURCE: 00M8MW22

Sampling Dates:
09/30/1998 - 08/30/2004

NOTES:

Well installed 9/98.

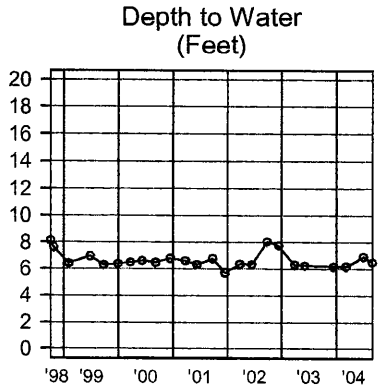
FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 12 of 14

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 00M8MW22

Sampling Dates:
09/30/1998 - 08/30/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 12 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-06-2004 X:\MtechData\M-8\M8.WSF

	Lab	Tetra chloro ethene	cis-1,2-Di chloro ethene	Vinyl Chloride	Trichloro ethene	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	1	10	5	1	-					-
04/14/1999	FMETL	6.56	ND	ND	ND	8.65					V,S,P,M
04/28/1999	FMETL	ND	2.74	ND	ND	8.88					V,S,P,M
09/23/1999	FMETL	1.62	6.44	1.18	1.94	8.85					V,S,P,M
12/28/1999	FMETL	7.38	ND	ND	ND	8.75					V,S,P,M
03/15/2000	FMETL	ND	5.47	ND	2.70	8.58					V,S,P,M
06/05/2000	FMETL	4.50	ND	ND	ND	8.81					V,S,P,M
09/06/2000	FMETL	ND	6.81	ND	ND	8.71					V,S,P,M
12/13/2000	FMETL	ND	10.99	ND	ND	9.01					V,S,P,M
03/20/2001	FMETL	ND	3.92	ND	ND	8.37					V,S,P,M
03/20/2001D	FMETL	ND	3.85	ND	1.66	8.37					V,S,P,M
06/08/2001	FMETL	ND	8.29	ND	ND	8.85					V,S,P,M
09/24/2001	FMETL	ND	16.42	ND	ND	9.15					V,S,P,M
12/17/2001	FMETL	ND	18.47	ND	ND	5.23					V,S,P,M
03/21/2002	FMETL	ND	6.85	ND	1.20	8.83					V,S,P,M
06/11/2002	FMETL	ND	15.89	ND	ND	8.83					V,S,P,M
09/23/2002	FMETL	ND	5.86	ND	ND	8.85					V,S,P,M
12/10/2002	FMETL	ND	5.78	2.06	ND	7.61					V,S,P,M
03/21/2003	FMETL	ND	ND	ND	ND	8.11					V,S,P,M
05/30/2003	FMETL	ND	1.01	ND	ND	8.22					V,S,P,M
08/22/2003	FMETL	ND	11.74	4.07	ND	8.80					V,S,P,M
12/30/2003	FMETL	ND	0.47	ND	ND	8.10					V,S,P,M
03/09/2004	FMETL	ND	2.12	2.40	ND	8.68					V,S,P,M
06/28/2004	FMETL	ND	5.46	5.13	ND	8.98					V
08/30/2004	FMETL	ND	8.29	13.71	0.95	8.71					V

SOURCE: 00M8MW23

Sampling Dates:
04/14/1999 - 08/30/2004

NOTES:

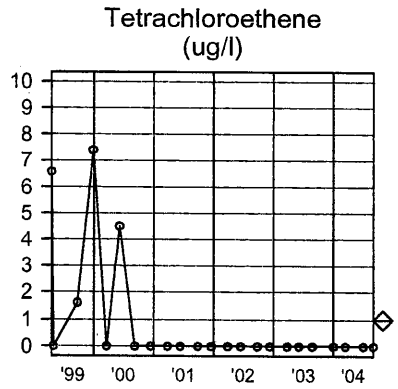
FORT MONMOUTH

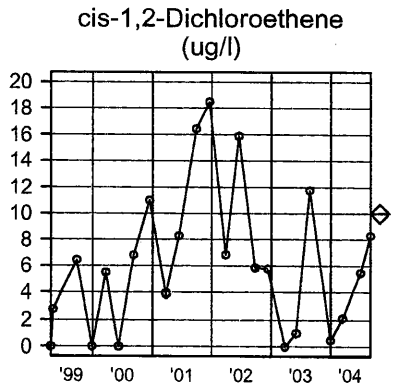
GW MONITORING
M-8 Bldg 697

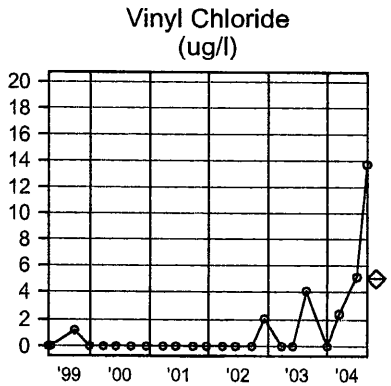
Source 13 of 14

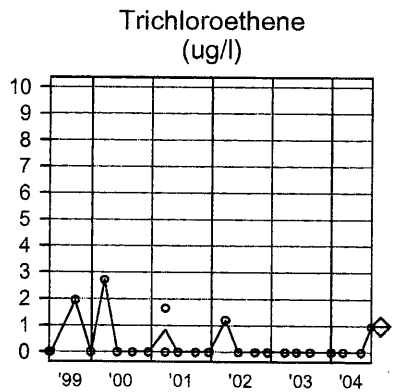
Silver in blank > Criteria, sample date 6/97.

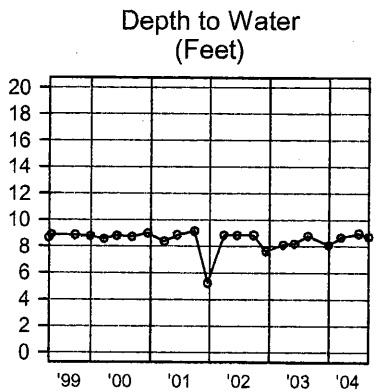
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 00M8MW23

Sampling Dates:
04/14/1999 - 08/30/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 13 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-06-2004 X:\MtechData\M-8\M8.WSF

	Lab	Chloro benzene	Benzene	Depth to Water							Notes
Units:	-	ug/l	ug/l	Feet							-
NJDEP Criteria:	-	4	1	-							-
04/14/1999	FMETL	ND	ND	17.96							V,S,P,M
04/28/1999	FMETL	ND	ND	18.64							V,S,P,M
09/23/1999	FMETL	1.01	ND	18.22							V,S,P,M
03/15/2000	FMETL	1.99	1.67	19.20							V,S,P,M
03/15/2000D	FMETL	1.68	1.39	19.20							V,S,P,M
06/05/2000	FMETL	2.74	1.35	19.46							V,S,P,M
09/06/2000	FMETL	2.91	1.49	19.00							V,S,P,M
12/26/2000	FMETL	1.37	ND	20.35							V,S,P,M
03/31/2001	FMETL	39.77	3.97	18.22							V,S,P,M
03/31/2001D	FMETL	38.86	3.82	18.22							V,S,P,M
06/23/2001	FMETL	1.70	ND	18.92							V,S,P,M
06/23/2001D	FMETL	1.64	ND	18.92							V,S,P,M
09/24/2001	FMETL	2.80	1.28	9.76							V,S,P,M
12/10/2001	FMETL	1.94	1.40	19.71							V,S,P,M
03/27/2002	FMETL	ND	ND	17.61							V,S,P,M
06/22/2002	FMETL	1.78	1.33	17.91							V,S,P,M
09/26/2002	FMETL	2.51	ND	19.50							V,S,P,M
12/13/2002	FMETL	1.42	ND	19.09							V,S,P,M
03/20/2003	FMETL	5.00	ND	19.06							V,S,P,M
06/25/2003	FMETL	3.02	ND	15.23							V,S,P,M
09/08/2003	FMETL	2.15	1.08	13.21							V,S,P,M
11/21/2003	FMETL	1.45	0.65	19.03							V,S,P,M
02/25/2004	FMETL	3.11	1.20	19.71							V,S,P,M
06/28/2004	FMETL	2.61	0.98	19.49							V
08/30/2004	FMETL	2.56	1.16	19.21							V

SOURCE: 00M8MW24

Sampling Dates:
04/14/1999 - 08/30/2004

NOTES:

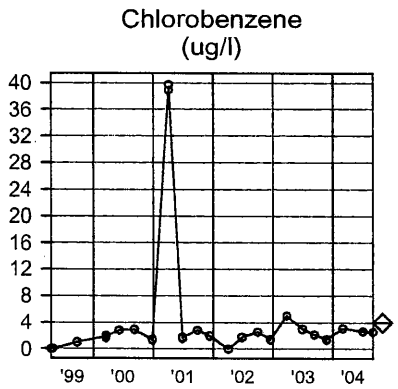
FORT MONMOUTH

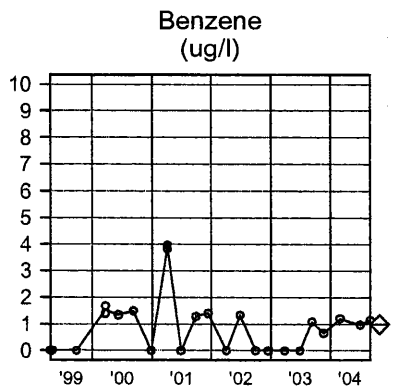
GW MONITORING
M-8 Bldg 697

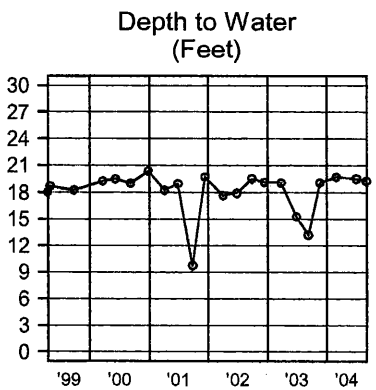
Source 14 of 14

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV







SOURCE: 00M8MW24

Sampling Dates:
04/14/1999 - 08/30/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 14 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-06-2004 X:\MtechData\M-8\M8.WSF

	Lab	Tetra chloro ethene	Chloro benzene	Depth to Water							Notes
Units:	-	ug/l	ug/l	Feet							-
NJDEP Criteria:	-	1	4	-							-
08/27/1997	FMETL	ND	ND	13.15							V,S,P,M
10/29/1997	FMETL	ND	ND	13.35							V,S,P,M
02/26/1998	FMETL	ND	ND	11.26							V,S,P,M
06/04/1998	FMETL	ND	ND	12.12							V,S,P,M
08/28/1998	FMETL	5.56	ND	13.54							V,S,P,M
11/04/1998	FMETL	1.18	ND	14.09							V,S,P,M
01/27/1999	FMETL	ND	1.17	12.27							V,S,P,M
06/22/1999	FMETL	ND	ND	13.23							V,S,P,M
09/23/1999	FMETL	ND	1.04	12.88							V,S,P,M
12/28/1999	FMETL	ND	1.97	12.55							V,S,P,M
03/15/2000	FMETL	ND	ND	12.27							V,S,P,M
06/05/2000	FMETL	ND	ND	12.72							V,S,P,M
09/06/2000	FMETL	ND	ND	12.49							V,S,P,M
12/13/2000	FMETL	ND	ND	13.00							V,S,P,M
03/20/2001	FMETL	ND	ND	12.13							V,S,P,M
06/08/2001	FMETL	ND	1.06	8.62							V,S,P,M
09/24/2001	FMETL	ND	3.23	13.47							V,S,P,M
12/17/2001	FMETL	ND	1.15	14.10							V,S,P,M
03/21/2002	FMETL	ND	ND	13.11							V,S,P,M
06/11/2002	FMETL	ND	1.07	12.83							V,S,P,M
09/23/2002	FMETL	ND	ND	13.80							V,S,P,M
12/13/2002	FMETL	ND	ND	11.17							V,S,P,M
03/21/2003	FMETL	ND	ND	11.80							V,S,P,M
05/30/2003	FMETL	ND	ND	12.05							V,S,P,M
08/22/2003	FMETL	1.25	ND	12.77							V,S,P,M
12/30/2003	FMETL	1.40	ND	12.04							V,S,P,M
03/09/2004	FMETL	ND	ND	12.70							V,S,P,M
06/28/2004	FMETL	ND	2.42	12.93							V
08/30/2004	FMETL	ND	2.06	12.76							V

SOURCE: 0697MW01

Sampling Dates:
08/27/1997 - 08/30/2004

NOTES:

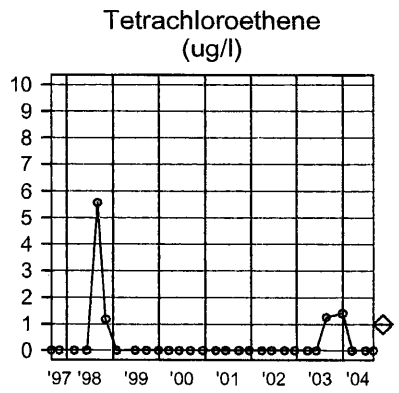
FORT MONMOUTH

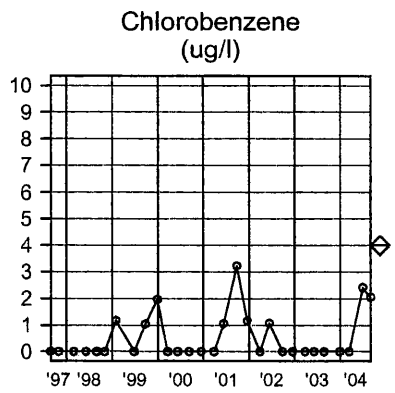
GW MONITORING
M-8 Bldg 697

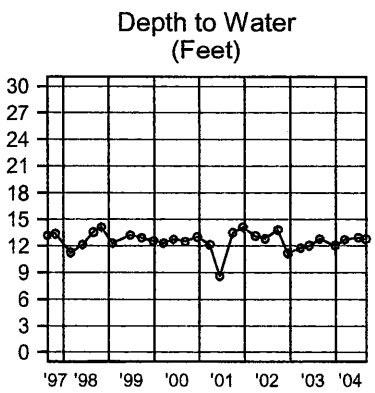
Source 5 of 14

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV







SOURCE: 0697MW01

Sampling Dates:
08/27/1997 - 08/30/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
M-8 Bldg 697

Source 5 of 14, Graph

Silver in blank > Criteria, sample date 6/97.

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-06-2004 X:\MtechData\M-8\M8.WSF

Appendix D

Surface Water Laboratory Analytical Data

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS

PHONE: (732) 532-6224 FAX: (732) 532-6263

WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: 4th QTR Streams

Streams

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Stream Site #22	2078004	Aqueous	04-Nov-02 08:25	11/04/02
Stream Site #21	2078005	Aqueous	04-Nov-02 08:34	11/04/02
Stream Site #20	2078006	Aqueous	04-Nov-02 08:39	11/04/02
Stream Site #09	2078007	Aqueous	04-Nov-02 08:47	11/04/02
Stream Site #19	2078008	Aqueous	04-Nov-02 08:59	11/04/02
Stream Site #27	2078009	Aqueous	04-Nov-02 09:07	11/04/02
Stream Site #07	2078010	Aqueous	04-Nov-02 09:13	11/04/02
Stream Site #28	2078011	Aqueous	04-Nov-02 09:21	11/04/02
Stream Site #04	2078012	Aqueous	04-Nov-02 09:29	11/04/02
Stream Site #25	2078013	Aqueous	04-Nov-02 09:47	11/04/02
Stream Site #05	2078014	Aqueous	04-Nov-02 09:35	11/04/02
Stream Site #17	2078015	Aqueous	04-Nov-02 09:55	11/04/02
Stream Site #26	2078016	Aqueous	04-Nov-02 10:01	11/04/02
Stream Site #12	2078704	Aqueous	05-Nov-02 09:15	11/05/02
Stream Site #18	2078705	Aqueous	05-Nov-02 09:27	11/05/02
Stream Site #11	2078706	Aqueous	05-Nov-02 09:35	11/05/02
Stream Site #15	2078707	Aqueous	05-Nov-02 09:47	11/05/02
Stream Site #23	2078708	Aqueous	05-Nov-02 09:53	11/05/02
Stream Site #24	2078709	Aqueous	05-Nov-02 10:07	11/05/02
Stream Site #16	2078710	Aqueous	05-Nov-02 10:15	11/05/02
Stream Site #03	2078711	Aqueous	05-Nov-02 10:22	11/05/02
Stream Site #14	2078712	Aqueous	05-Nov-02 10:29	11/05/02
Stream Site #13	2078713	Aqueous	05-Nov-02 10:38	11/05/02

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA+15, PCB's, WET CHEMISTRY

2-21-03

Daniel Wright/Date
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608

CHAIN OF CUSTODY

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil

NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: 426223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: Streams
4th Qrtr '02 Prt1

Samplers Name / Company: Fort Monmouth, TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOTIS	NH_3 / NO_3	PO_4 / SO_4	T. Coli	PCB	pH (su)	Temp (°C)	Dissolved O_2	Remarks / Preservation Method	
20780 01	Trip	11/4/02	0727	AQ	2	✓					—	—	—	Salinity	
02	Field Blank		0815		5	✓	✓	✓		✓	—	—	—	d 20/20	% o
03	Dupe		—		6	✓	✓	✓	✓	✓	—	—	—	—	—
04	Stream Site #22 *		0825		6	✓	✓	✓	✓	✓	7.83	19.7	8.31	1.009	16.0
05	#21		0834			✓	✓	✓	✓	✓	7.89	19.4	8.27	1.007	13.0
06	#20		0839			✓	✓	✓	✓	✓	7.92	19.6	8.24	1.007	13.0
07	#09		0847			✓	✓	✓	✓	✓	7.95	18.4	7.74	1.006	2.0
08	#19		0859			✓	✓	✓	✓	✓	7.57	18.9	7.77	1.000	0.0
09	#27		0907			✓	✓	✓	✓	✓	7.71	19.2	7.81	1.001	2.0
10	#07		0913			✓	✓	✓	✓	✓	7.76	19.1	7.76	1.001	2.0
11	#28		0921			✓	✓	✓	✓	✓	7.81	18.7	7.81	1.001	2.0
12	#04		0929			✓	✓	✓	✓	✓	7.89	18.9	7.77	1.001	2.0
13	#25		0947			✓	✓	✓	✓	✓	7.91	19.3	7.61	1.000	0.0
14	#05		0935			✓	✓	✓	✓	✓	7.93	18.7	7.99	1.000	1.0

Comments: HCL/H_2SO_4/4°c

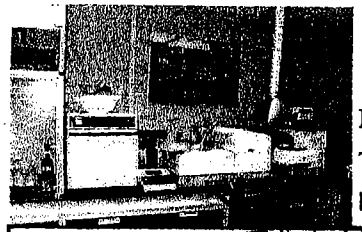
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Tony Miranda	11/4/02 1045	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
		[signature]			

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified, (_)EDD
Turnaround time: (X)Standard 3 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: Tide: H → outgoing

print legibly

Coc10/10/02



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil

NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: 426223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: Streams
4th Qtr '02 Pt 2

Samplers Name / Company: Corey McCormack, TUS

Analysis Parameters: VOTIS, NH_3/NO_3, PO_4/SO_4, T. Coli, PCB, pH (su), Temp (°C), Dissolved O_2

Comments: HCL/H_2SO_4/<4°C

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOTIS	NH_3/NO_3	PO_4/SO_4	T. Coli	PCB	pH (su)	Temp (°C)	Dissolved O_2	Remarks / Preservation Method	
210780 15	Stream Site #17	11/4/02	0955	AQ	6	✓	✓	✓	✓	✓	7.91	17.9	8.27	1.000	1.0
16	Stream Site #26		1001			✓	✓	✓	✓	✓	7.98	18.3	8.21	1.000	0.0

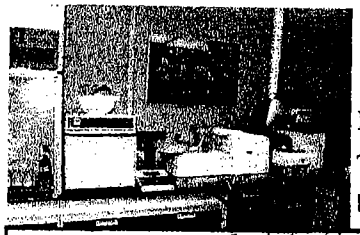
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	11/4/02 1045	J. Clayton			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified, (_)EDD
Turnaround time: (X)Standard 3 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: Tide: H -> outgoing

print legibly

Coc10/10/02



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil

NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: 426223
(X)DERA ( )OMA ( )Other:_____

Project No:
Location: Streams 4thQrtr '02 pt 2

Samplers Name / Company: Corey McCormack, TVS

Analysis Parameters: VOTIS, NH_3/NO_3, PO_4/SO_4, T. Coli, PCB, pH (sw), Temp (°C), Dissolved O_2

Comments: HCL/H_2SO_4/4°C

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOTIS	NH_3/NO_3	PO_4/SO_4	T. Coli	PCB	pH (sw)	Temp (°C)	Dissolved O_2	Remarks / Preservation Method	
20787 01	Trip	11/5/02	0730	AQ	2	✓					—	—	—	Salinity	
02	Field Blank		0900		5	✓	✓	✓		✓	—	—	—	d 20/20	‰
03	Dupe		—		6	✓	✓	✓	✓	✓	—	—	—	—	—
04	Stream Site #12		0915		6	✓	✓	✓	✓	✓	7.80	17.7	8.76	1.000	0
05	#14		0927			✓	✓	✓	✓	✓	7.85	17.9	8.79	1.000	0
06	#11		0935			✓	✓	✓	✓	✓	7.81	17.4	8.91	1.000	0
07	#15		0947			✓	✓	✓	✓	✓	7.71	17.9	8.11	1.004	5
08	#23		0953			✓	✓	✓	✓	✓	7.74	18.1	8.30	1.004	5
09	#24		1007			✓	✓	✓	✓	✓	7.75	18.7	8.23	1.004	5
10	#16		1015			✓	✓	✓	✓	✓	7.79	18.9	8.29	1.005	6
11	#03		1022			✓	✓	✓	✓	✓	7.64	18.7	8.33	1.002	2
12	#14		1029			✓	✓	✓	✓	✓	7.66	17.6	8.77	1.000	0
13	#13		1038			✓	✓	✓	✓	✓	7.62	17.5	8.76	1.000	0

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	11/5/02 1050	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
		[signature]			

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified, (_)EDD
Turnaround time: (X)Standard 3 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: Tide: H → outgoing

print legibly

Coc10/10/02

VOLATILE ORGANICS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

MDL	:	Method Detection Limit
J	:	Compound identified below detection limit
B	:	Compound found in blank
D	:	Results are from a dilution of the sample
U	:	Compound searched for but not detected
E	:	Compound exceeds calibration limit
PQL	:	Practical Quantitation Limit
NLE	:	No limit established
RT	:	Retention time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	VC008842.D	Sample Name	MB 15Nov02
Operator	Skelton	Field ID	MB 15Nov02
Date Aquired	15-Nov-02	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	VC008842.D	Sample Name	MB 15Nov02
Operator	Skelton	Field ID	MB 15Nov02
Date Aquired	15-Nov-02	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 15Nov02**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 20787 Location: 4thQtr SDG No.: Streams

Matrix: (soil/water) WATER Lab Sample ID: MB 15Nov02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008842.D

Level: (low/med) LOW Date Received: 11/5/02

% Moisture: not dec. _____ Date Analyzed: 11/15/02

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008843.D**	Sample Name	**2078001**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**15-Nov-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform	16.88	52362	1.25 ug/L	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER.CRT

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	VC008843.D	Sample Name	2078001
Operator	Skelton	Field ID	Trip Blank
Date Aquired	15-Nov-02	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform	16.88	52362	1.25 ug/L	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

C:\HPCHEM\CUSTRPT\VOLATILE\FRESHWATER.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 20780 Location: 4thQtr SDG No.: Streams

Matrix: (soil/water) WATER Lab Sample ID: 2078001

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008843.D

Level: (low/med) LOW Date Received: 11/4/02

% Moisture: not dec. Date Analyzed: 11/15/02

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008861.D**	Sample Name	**2078701**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**15-Nov-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform	16.88	57436	1.63 ug/L	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008861.D**	Sample Name	**2078701**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**15-Nov-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform	16.88	57436	1.63 ug/L	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 20787 Location: 4thQtr SDG No.: Streams

Matrix: (soil/water) WATER Lab Sample ID: 2078701

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008861.D

Level: (low/med) LOW Date Received: 11/5/02

% Moisture: not dec. Date Analyzed: 11/15/02

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008844.D**	Sample Name	**2078002**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**15-Nov-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform	16.88	51381	1.30 ug/L	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008844.D**	Sample Name	**2078002**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**15-Nov-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform	16.88	51381	1.30 ug/L	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

C:\HPCHEM\CUSTRPT\VOLATILE\FRESHWATER.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 20780 Location: 4thQtr SDG No.: Streams

Matrix: (soil/water) WATER Lab Sample ID: 2078002

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008844.D

Level: (low/med) LOW Date Received: 11/4/02

% Moisture: not dec. Date Analyzed: 11/15/02

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008862.D**	Sample Name	**2078702**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**15-Nov-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform	16.88	55219	1.58 ug/L	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	VC008862.D	Sample Name	2078702
Operator	Skelton	Field ID	Field Blank
Date Aquired	15-Nov-02	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform	16.88	55219	1.58 ug/L	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 20787 Location: 4thQtr SDG No.: Streams

Matrix: (soil/water) WATER Lab Sample ID: 2078702

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008862.D

Level: (low/med) LOW Date Received: 11/5/02

% Moisture: not dec. Date Analyzed: 11/15/02

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008845.D**	Sample Name	**2078003**
Operator	**Skelton**	Field ID	**Dupe**
Date Aquired	**15-Nov-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008845.D**	Sample Name	**2078003**
Operator	**Skelton**	Field ID	**Dupe**
Date Aquired	**15-Nov-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 20780 Location: 4thQtr SDG No.: Streams

Matrix: (soil/water) WATER Lab Sample ID: 2078003

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008845.D

Level: (low/med) LOW Date Received: 11/4/02

% Moisture: not dec. _____ Date Analyzed: 11/15/02

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008863.D**	Sample Name	**2078703**
Operator	**Skelton**	Field ID	**Dupe**
Date Aquired	**16-Nov-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.87	129214	4.96 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER.CRT

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008863.D**	Sample Name	**2078703**
Operator	**Skelton**	Field ID	**Dupe**
Date Aquired	**16-Nov-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.87	129214	4.96 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 20787 Location: 4thQtr SDG No.: Streams

Matrix: (soil/water) WATER Lab Sample ID: 2078703

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008863.D

Level: (low/med) LOW Date Received: 11/5/02

% Moisture: not dec. Date Analyzed: 11/16/02

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008871.D**	Sample Name	**2078711**
Operator	**Skelton**	Field ID	**StreamSite#03**
Date Aquired	**16-Nov-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS03**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 20787 Location: 4thQtr SDG No.: Streams

Matrix: (soil/water) WATER Lab Sample ID: 2078711

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008871.D

Level: (low/med) LOW Date Received: 11/5/02

% Moisture: not dec. Date Analyzed: 11/16/02

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008856.D**	Sample Name	**2078012**
Operator	**Skelton**	Field ID	**StreamSite#04**
Date Aquired	**15-Nov-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS04**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 20780 Location: 4thQtr SDG No.: Streams

Matrix: (soil/water) WATER Lab Sample ID: 2078012

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008856.D

Level: (low/med) LOW Date Received: 11/4/02

% Moisture: not dec. Date Analyzed: 11/15/02

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008858.D**	Sample Name	**2078014**
Operator	**Skelton**	Field ID	**StreamSite#05**
Date Aquired	**15-Nov-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS05**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 20780 Location: 4thQtr SDG No.: Streams

Matrix: (soil/water) WATER Lab Sample ID: 2078014

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008858.D

Level: (low/med) LOW Date Received: 11/4/02

% Moisture: not dec. Date Analyzed: 11/15/02

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008854.D**	Sample Name	**2078010**
Operator	**Skelton**	Field ID	**StreamSite#07**
Date Aquired	**15-Nov-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS07**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 20780 Location: 4thQtr SDG No.: Streams

Matrix: (soil/water) WATER Lab Sample ID: 2078010

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008854.D

Level: (low/med) LOW Date Received: 11/4/02

% Moisture: not dec. Date Analyzed: 11/15/02

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	VC008851.D	Sample Name	2078007
Operator	Skelton	Field ID	StreamSite#09
Date Aquired	15-Nov-02	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.86	32758	1.24 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS09**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 20780 Location: 4thQtr SDG No.: Streams

Matrix: (soil/water) WATER Lab Sample ID: 2078007

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008851.D

Level: (low/med) LOW Date Received: 11/4/02

% Moisture: not dec. _____ Date Analyzed: 11/15/02

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008866.D**	Sample Name	**2078706**
Operator	**Skelton**	Field ID	**StreamSite#11**
Date Aquired	**16-Nov-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride	5.13	52517	1.33 ug/L	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.87	192882	7.48 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS11**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 20787 Location: 4thQtr SDG No.: Streams

Matrix: (soil/water) WATER Lab Sample ID: 2078706

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008866.D

Level: (low/med) LOW Date Received: 11/5/02

% Moisture: not dec. Date Analyzed: 11/16/02

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	VC008864.D	Sample Name	2078704
Operator	Skelton	Field ID	StreamSite#12
Date Aquired	16-Nov-02	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.87	129693	5.16 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS12**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 20787 Location: 4thQtr SDG No.: Streams

Matrix: (soil/water) WATER Lab Sample ID: 2078704

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008864.D

Level: (low/med) LOW Date Received: 11/5/02

% Moisture: not dec. _____ Date Analyzed: 11/16/02

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008873.D**	Sample Name	**2078713**
Operator	**Skelton**	Field ID	**StreamSite#13**
Date Aquired	**16-Nov-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene	24.70	22215	1.46 ug/L	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS13**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 20787 Location: 4thQtr SDG No.: Streams

Matrix: (soil/water) WATER Lab Sample ID: 2078713

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008873.D

Level: (low/med) LOW Date Received: 11/5/02

% Moisture: not dec. Date Analyzed: 11/16/02

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008872.D**	Sample Name	**2078712**
Operator	**Skelton**	Field ID	**StreamSite#14**
Date Aquired	**16-Nov-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS14**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 20787 Location: 4thQtr SDG No.: Streams

Matrix: (soil/water) WATER Lab Sample ID: 2078712

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008872.D

Level: (low/med) LOW Date Received: 11/5/02

% Moisture: not dec. Date Analyzed: 11/16/02

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008867.D**	Sample Name	**2078707**
Operator	**Skelton**	Field ID	**StreamSite#15**
Date Aquired	**16-Nov-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene	24.71	23061	1.52 ug/L	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS15**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 20787 Location: 4thQtr SDG No.: Streams

Matrix: (soil/water) WATER Lab Sample ID: 2078707

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008867.D

Level: (low/med) LOW Date Received: 11/5/02

% Moisture: not dec. Date Analyzed: 11/16/02

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008870.D**	Sample Name	**2078710**
Operator	**Skelton**	Field ID	**StreamSite#16**
Date Aquired	**16-Nov-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	24.70	22645	1.49 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS16**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 20787 Location: 4thQtr SDG No.: Streams

Matrix: (soil/water) WATER Lab Sample ID: 2078710

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008870.D

Level: (low/med) LOW Date Received: 11/5/02

% Moisture: not dec. Date Analyzed: 11/16/02

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	VC008859.D	Sample Name	2078015
Operator	Skelton	Field ID	StreamSite#17
Date Aquired	15-Nov-02	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS17**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 20780 Location: 4thQtr SDG No.: Streams

Matrix: (soil/water) WATER Lab Sample ID: 2078015

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008859.D

Level: (low/med) LOW Date Received: 11/4/02

% Moisture: not dec. Date Analyzed: 11/15/02

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	VC008865.D	Sample Name	2078705
Operator	Skelton	Field ID	StreamSite#18
Date Aquired	16-Nov-02	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.87	132012	5.14 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS18**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 20787 Location: 4thQtr SDG No.: Streams

Matrix: (soil/water) WATER Lab Sample ID: 2078705

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008865.D

Level: (low/med) LOW Date Received: 11/5/02

% Moisture: not dec. Date Analyzed: 11/16/02

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008852.D**	Sample Name	**2078008**
Operator	**Skelton**	Field ID	**StreamSite#19**
Date Aquired	**15-Nov-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.86	71334	2.69 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS19**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 20780 Location: 4thQtr SDG No.: Streams

Matrix: (soil/water) WATER Lab Sample ID: 2078008

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008852.D

Level: (low/med) LOW Date Received: 11/4/02

% Moisture: not dec. Date Analyzed: 11/15/02

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	VC008850.D	Sample Name	2078006
Operator	Skelton	Field ID	StreamSite#20
Date Aquired	15-Nov-02	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS20**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 20780 Location: 4thQtr SDG No.: Streams

Matrix: (soil/water) WATER Lab Sample ID: 2078006

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008850.D

Level: (low/med) LOW Date Received: 11/4/02

% Moisture: not dec. Date Analyzed: 11/15/02

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008849.D**	Sample Name	**2078005**
Operator	**Skelton**	Field ID	**StreamSite#21**
Date Aquired	**15-Nov-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS21**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 20780 Location: 4thQtr SDG No.: Streams

Matrix: (soil/water) WATER Lab Sample ID: 2078005

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008849.D

Level: (low/med) LOW Date Received: 11/4/02

% Moisture: not dec. Date Analyzed: 11/15/02

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008846.D**	Sample Name	**2078004**
Operator	**Skelton**	Field ID	**StreamSite#22**
Date Aquired	**15-Nov-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS22**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 20780 Location: 4thQtr SDG No.: Streams

Matrix: (soil/water) WATER Lab Sample ID: 2078004

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008846.D

Level: (low/med) LOW Date Received: 11/4/02

% Moisture: not dec. Date Analyzed: 11/15/02

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	VC008868.D	Sample Name	2078708
Operator	Skelton	Field ID	StreamSite#23
Date Aquired	16-Nov-02	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	24.71	22365	1.44 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS23**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 20787 Location: 4thQtr SDG No.: Streams

Matrix: (soil/water) WATER Lab Sample ID: 2078708

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008868.D

Level: (low/med) LOW Date Received: 11/5/02

% Moisture: not dec. _____ Date Analyzed: 11/16/02

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008869.D**	Sample Name	**2078709**
Operator	**Skelton**	Field ID	**StreamSite#24**
Date Aquired	**16-Nov-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	24.70	24907	1.64 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS24**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 20787 Location: 4thQtr SDG No.: Streams

Matrix: (soil/water) WATER Lab Sample ID: 2078709

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008869.D

Level: (low/med) LOW Date Received: 11/5/02

% Moisture: not dec. Date Analyzed: 11/16/02

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008857.D**	Sample Name	**2078013**
Operator	**Skelton**	Field ID	**StreamSite#25**
Date Aquired	**15-Nov-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS25**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 20780 Location: 4thQtr SDG No.: Streams

Matrix: (soil/water) WATER Lab Sample ID: 2078013

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008857.D

Level: (low/med) LOW Date Received: 11/4/02

% Moisture: not dec. _____ Date Analyzed: 11/15/02

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008860.D**	Sample Name	**2078016**
Operator	**Skelton**	Field ID	**StreamSite#26**
Date Aquired	**15-Nov-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS26**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 20780 Location: 4thQtr SDG No.: Streams

Matrix: (soil/water) WATER Lab Sample ID: 2078016

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008860.D

Level: (low/med) LOW Date Received: 11/4/02

% Moisture: not dec. _____ Date Analyzed: 11/15/02

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC008853.D**	Sample Name	**2078009**
Operator	**Skelton**	Field ID	**StreamSite#27**
Date Aquired	**15-Nov-02**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS27**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 20780 Location: 4thQtr SDG No.: Streams

Matrix: (soil/water) WATER Lab Sample ID: 2078009

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008853.D

Level: (low/med) LOW Date Received: 11/4/02

% Moisture: not dec. Date Analyzed: 11/15/02

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	VC008855.D	Sample Name	2078011
Operator	Skelton	Field ID	StreamSite#28
Date Aquired	15-Nov-02	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS28**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 20780 Location: 4thQtr SDG No.: Streams

Matrix: (soil/water) WATER Lab Sample ID: 2078011

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC008855.D

Level: (low/med) LOW Date Received: 11/4/02

% Moisture: not dec. Date Analyzed: 11/15/02

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

PCB's

TABULATED ANALYTICAL REPORT
POLYCHLORINATED BIPHENYLS
EPA METHOD 8082

Project No.: 20787
Lab. ID. No.: MB 08Nov02 Aq
Filename: PCB11355.D

MATRIX: Aqueous
Date Extracted: 11/8/02
Ext. Batch:
Date Analyzed: 11/16/02

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/Kg)	MDL (ug/Kg)
12674-11-2	Aroclor 1016	ND	1.7
11096-82-5	Aroclor 1260	ND	1.7
11104-28-2	Aroclor 1221	ND	1.7
12672-29-6	Aroclor 1248	ND	1.7
53469-21-9	Aroclor 1242	ND	1.7
11141-16-5	Aroclor 1232	ND	1.7
11097-69-1	Aroclor 1254	ND	1.7

MDL = Method Detection Limit
ND = Not Detected.

Initial Wt.(gms) **30.00**
Final Vol.(ml) **10.00**

COMMENTS:

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client: U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.
Location: Streams 4th Qrtr. '02
Client ID: Field Blank
Lab ID: 2078002s
Filename:
Lab Project No: 20780

MATRIX: Aqueous
Date Extracted: 11/7/02
Ext. Batch:
Date Analyzed: 11/15/02
DILUTION: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0519
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.1593
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0650
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.1047
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0629
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0742
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0782

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol.(ml)) 1000
Final Vol.(ml) 10

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.		**MATRIX:** Aqueous
Location:	Streams	4th Qrtr. '02	**Date Extracted:** 11/7/02
Client ID:	Field Blank		**Ext. Batch:**
Lab ID:	2078702s		**Date Analyzed:** 11/16/02
Filename:			**DILUTION:** 1
Lab Project No:	20787		**Analyst:** A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0519
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.1593
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0650
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.1047
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0629
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0742
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0782

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol.(ml)) 1000
Final Vol.(ml) 10

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**		**MATRIX: Aqueous**
Location:	**Streams**	**4th Qrtr. '02**	**Date Extracted: 11/7/02**
Client ID:	**Dupe**		**Ext. Batch:**
Lab ID:	**2078003s**		**Date Analyzed: 11/15/02**
Filename:			**DILUTION: 1**
Lab Project No:	**20780**		
			Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0519
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.1593
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0650
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.1047
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0629
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0742
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0782

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol.(ml)) 1000
Final Vol.(ml) 10

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**		**MATRIX: Aqueous**
Location:	**Streams**	**4th Qrtr. '02**	**Date Extracted: 11/7/02**
Client ID:	**Dupe**		**Ext. Batch:**
Lab ID:	**2078703s**		**Date Analyzed: 11/16/02**
Filename:			**DILUTION: 1**
Lab Project No:	**20787**		
			Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0519
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.1593
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0650
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.1047
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0629
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0742
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0782

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol.(ml)) 1000
Final Vol.(ml) 10

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client: U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.
Location: Streams 4th Qrtr. '02
Client ID: Stream Site # 03
Lab ID: 2078711s
Filename:
Lab Project No: 20787

MATRIX: Aqueous
Date Extracted: 11/8/02
Ext. Batch:
Date Analyzed: 11/16/02
DILUTION: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0519
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.1593
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0650
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.1047
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0629
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0742
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0782

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol.(ml)) 1000
Final Vol.(ml) 10

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**		**MATRIX: Aqueous**
Location:	**Streams**	**4th Qrtr. '02**	**Date Extracted: 11/7/02**
Client ID:	**Stream Site # 04**		**Ext. Batch:**
Lab ID:	**2078012s**		**Date Analyzed: 11/15/02**
Filename:			**DILUTION: 1**
Lab Project No:	**20780**		
			Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0519
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.1593
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0650
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.1047
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0629
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0742
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0782

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol.(ml)) 1000
Final Vol.(ml) 10

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**		**MATRIX: Aqueous**
Location:	**Streams**	**4th Qrtr. '02**	**Date Extracted: 11/7/02**
Client ID:	**Stream Site # 05**		**Ext. Batch:**
Lab ID:	**2078014s**		**Date Analyzed: 11/15/02**
Filename:			**DILUTION: 1**
Lab Project No:	**20780**		
			Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0519
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.1593
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0650
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.1047
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0629
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0742
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0782

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol.(ml)) 1000
Final Vol.(ml) 10

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 4th Qrtr. '02**	**Date Extracted:**	**11/7/02**
Client ID:	**Stream Site # 07**	**Ext. Batch:**	
Lab ID:	**2078010s**	**Date Analyzed:**	**11/15/02**
Filename:		**DILUTION:**	**1**
Lab Project No:	**20780**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0519
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.1593
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0650
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.1047
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0629
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0742
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0782

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol.(ml)) **1000**
Final Vol.(ml) **10**

..
..

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams** **4th Qrtr. '02**	**Date Extracted:**	**11/7/02**
Client ID:	**Stream Site # 09**	**Ext. Batch:**	
Lab ID:	**2078007s**	**Date Analyzed:**	**11/15/02**
Filename:		**DILUTION:**	**1**
Lab Project No:	**20780**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0519
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.1593
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0650
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.1047
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0629
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0742
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0782

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol.(ml)) **1000**
Final Vol.(ml) **10**

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**		**MATRIX: Aqueous**
Location:	**Streams**	**4th Qrtr. '02**	**Date Extracted: 11/8/02**
Client ID:	**Stream Site # 11**		**Ext. Batch:**
Lab ID:	**2078706s**		**Date Analyzed: 11/16/02**
Filename:			**DILUTION: 1**
Lab Project No:	**20787**		
			Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0519
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.1593
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0650
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.1047
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0629
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0742
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0782

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol.(ml)) 1000
Final Vol.(ml) 10

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.		**MATRIX:** Aqueous
Location:	Streams 4th Qrtr. '02		**Date Extracted:** 11/7/02
Client ID:	Stream Site # 12		**Ext. Batch:**
Lab ID:	2078704s		**Date Analyzed:** 11/16/02
Filename:			**DILUTION:** 1
Lab Project No:	20787		
			Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0519
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.1593
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0650
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.1047
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0629
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0742
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0782

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol.(ml)) 1000
Final Vol.(ml) 10

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**		**MATRIX: Aqueous**
Location:	**Streams**	**4th Qrtr. '02**	**Date Extracted: 11/8/02**
Client ID:	**Stream Site # 13**		**Ext. Batch:**
Lab ID:	**2078713s**		**Date Analyzed: 11/16/02**
Filename:			**DILUTION: 1**
Lab Project No:	**20787**		
			Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0519
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.1593
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0650
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.1047
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0629
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0742
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0782

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol.(ml)) 1000
Final Vol.(ml) 10

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**		**MATRIX: Aqueous**
Location:	**Streams**	**4th Qrtr. '02**	**Date Extracted: 11/8/02**
Client ID:	**Stream Site # 14**		**Ext. Batch:**
Lab ID:	**2078712s**		**Date Analyzed: 11/16/02**
Filename:			**DILUTION: 1**
Lab Project No:	**20787**		
			Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0519
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.1593
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0650
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.1047
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0629
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0742
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0782

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol.(ml)) 1000
Final Vol.(ml) 10

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**		**MATRIX: Aqueous**
Location:	**Streams**	**4th Qrtr. '02**	**Date Extracted: 11/8/02**
Client ID:	**Stream Site # 15**		**Ext. Batch:**
Lab ID:	**2078707s**		**Date Analyzed: 11/16/02**
Filename:			**DILUTION: 1**
Lab Project No:	**20787**		
			Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0519
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.1593
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0650
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.1047
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0629
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0742
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0782

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol.(ml)) 1000
Final Vol.(ml) 10

..
..

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 4th Qrtr. '02**	**Date Extracted:**	**11/8/02**
Client ID:	**Stream Site # 16**	**Ext. Batch:**	
Lab ID:	**2078710s**	**Date Analyzed:**	**11/16/02**
Filename:		**DILUTION:**	**1**
Lab Project No:	**20787**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0519
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.1593
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0650
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.1047
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0629
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0742
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0782

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol.(ml)) **1000**
Final Vol.(ml) **10**

..
..

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 4th Qrtr. '02**	**Date Extracted:**	**11/7/02**
Client ID:	**Stream Site # 17**	**Ext. Batch:**	
Lab ID:	**2078015s**	**Date Analyzed:**	**11/15/02**
Filename:		**DILUTION:**	**1**
Lab Project No:	**20780**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0519
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.1593
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0650
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.1047
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0629
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0742
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0782

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol.(ml)) **1000**
Final Vol.(ml) **10**

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**		**MATRIX: Aqueous**
Location:	**Streams**	**4th Qrtr. '02**	**Date Extracted: 11/8/02**
Client ID:	**Stream Site # 18**		**Ext. Batch:**
Lab ID:	**2078705s**		**Date Analyzed: 11/16/02**
Filename:			**DILUTION: 1**
Lab Project No:	**20787**		
			Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0519
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.1593
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0650
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.1047
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0629
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0742
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0782

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol.(ml)) 1000
Final Vol.(ml) 10

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.		**MATRIX:** Aqueous
Location:	Streams	4th Qrtr. '02	**Date Extracted:** 11/7/02
Client ID:	Stream Site # 19		**Ext. Batch:**
Lab ID:	2078008s		**Date Analyzed:** 11/15/02
Filename:			**DILUTION:** 1
Lab Project No:	20780		
			Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0519
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.1593
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0650
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.1047
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0629
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0742
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0782

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol.(ml)) 1000
Final Vol.(ml) 10

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**		**MATRIX: Aqueous**
Location:	**Streams**	**4th Qrtr. '02**	**Date Extracted: 11/7/02**
Client ID:	**Stream Site # 20**		**Ext. Batch:**
Lab ID:	**2078006s**		**Date Analyzed: 11/15/02**
Filename:			**DILUTION: 1**
Lab Project No:	**20780**		
			Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0519
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.1593
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0650
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.1047
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0629
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0742
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0782

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol.(ml)) 1000
Final Vol.(ml) 10

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**		**MATRIX: Aqueous**
Location:	**Streams**	**4th Qrtr. '02**	**Date Extracted: 11/7/02**
Client ID:	**Stream Site # 21**		**Ext. Batch:**
Lab ID:	**2078005s**		**Date Analyzed: 11/15/02**
Filename:			**DILUTION: 1**
Lab Project No:	**20780**		
			Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0519
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.1593
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0650
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.1047
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0629
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0742
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0782

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol.(ml)) 1000
Final Vol.(ml) 10

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.		**MATRIX:** Aqueous
Location:	Streams 4th Qrtr. '02		**Date Extracted:** 11/7/02
Client ID:	Stream Site # 22		**Ext. Batch:**
Lab ID:	2078004s		**Date Analyzed:** 11/15/02
Filename:			**DILUTION:** 1
Lab Project No:	20780		
			Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0519
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.1593
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0650
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.1047
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0629
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0742
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0782

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol.(ml)) 1000
Final Vol.(ml) 10

..
..

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**		**MATRIX: Aqueous**
Location:	**Streams**	**4th Qrtr. '02**	**Date Extracted: 11/8/02**
Client ID:	**Stream Site # 23**		**Ext. Batch:**
Lab ID:	**2078708s**		**Date Analyzed: 11/16/02**
Filename:			**DILUTION: 1**
Lab Project No:	**20787**		
			Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0519
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.1593
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0650
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.1047
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0629
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0742
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0782

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol.(ml)) 1000
Final Vol.(ml) 10

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**		**MATRIX: Aqueous**
Location:	**Streams**	**4th Qrtr. '02**	**Date Extracted: 11/8/02**
Client ID:	**Stream Site # 24**		**Ext. Batch:**
Lab ID:	**2078709s**		**Date Analyzed: 11/16/02**
Filename:			**DILUTION: 1**
Lab Project No:	**20787**		
			Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0519
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.1593
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0650
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.1047
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0629
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0742
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0782

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol.(ml)) 1000
Final Vol.(ml) 10

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**		**MATRIX: Aqueous**
Location:	**Streams**	**4th Qrtr. '02**	**Date Extracted: 11/7/02**
Client ID:	**Stream Site # 25**		**Ext. Batch:**
Lab ID:	**2078013s**		**Date Analyzed: 11/15/02**
Filename:			**DILUTION: 1**
Lab Project No:	**20780**		
			Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0519
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.1593
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0650
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.1047
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0629
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0742
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0782

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol.(ml)) 1000
Final Vol.(ml) 10

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client: U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.
Location: Streams 4th Qrtr. '02
Client ID: Stream Site # 26
Lab ID: 2078016s
Filename:
Lab Project No: 20780

MATRIX: Aqueous
Date Extracted: 11/7/02
Ext. Batch:
Date Analyzed: 11/15/02
DILUTION: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0519
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.1593
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0650
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.1047
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0629
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0742
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0782

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol.(ml)) 1000
Final Vol.(ml) 10

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**		**MATRIX: Aqueous**
Location:	**Streams**	**4th Qrtr. '02**	**Date Extracted: 11/7/02**
Client ID:	**Stream Site # 27**		**Ext. Batch:**
Lab ID:	**2078009s**		**Date Analyzed: 11/15/02**
Filename:			**DILUTION: 1**
Lab Project No:	**20780**		
			Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0519
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.1593
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0650
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.1047
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0629
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0742
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0782

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol.(ml)) 1000
Final Vol.(ml) 10

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client: U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.
Location: Streams 4th Qrtr. '02
Client ID: Stream Site # 28
Lab ID: 2078011s
Filename:
Lab Project No: 20780

MATRIX: Aqueous
Date Extracted: 11/7/02
Ext. Batch:
Date Analyzed: 11/15/02
DILUTION: 1

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0519
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.1593
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0650
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.1047
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0629
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0742
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0782

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol.(ml)) 1000
Final Vol.(ml) 10

..
..

WET CHEMISTRY

Stream Water Analysis

4th Quarter 2002

Sample ID	Date Sampled	Stream Site#	pH	Ammonia (mg/L)	Nitrates (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	DO (mg/L)	T.Coliform (cfu/100ml)	F.Coliform (cfu/100ml)	% Salinity
2078704	11/05/02	12	7.80	ND	1.26	0.23	18.6	8.76	1920	60	0
2078705	11/05/02	18	7.85	ND	1.19	0.13	19.1	8.79	1090	100	0
2078706	11/05/02	11	7.81	ND	1.27	0.21	19.1	8.91	1760	60	0
2078707	11/05/02	15	7.71	ND	0.50	0.23	36.4	8.11	1700	30	5
2078708	11/05/02	23	7.74	ND	0.52	0.21	37.9	8.30	1800	100	5
2078709	11/05/02	24	7.75	ND	0.51	0.17	37.5	8.23	960	110	5
2078710	11/05/02	16	7.79	ND	0.62	0.23	34.8	8.29	1540	60	6
2078711	11/05/02	03	7.64	ND	0.21	0.17	303	8.33	2900	100	2
2078712	11/05/02	14	7.66	ND	0.23	0.15	322	8.77	4500	400	0
2078713	11/05/02	13	7.62	ND	0.64	0.16	37.8	8.76	4500	200	0
2078004	11/04/02	22	7.83	ND	ND	0.15	1578	8.31	80	30	16
2078005	11/04/02	21	7.89	ND	ND	0.25	1544	8.27	80	20	13
2078006	11/04/02	20	7.92	ND	ND	0.14	1508	8.24	70	70	13
2078007	11/04/02	09	7.95	ND	1.52	0.15	71.7	7.74	1130	210	2
2078008	11/04/02	19	7.97	ND	1.84	0.08	17.8	7.77	360	180	0
2078009	11/04/02	27	7.71	ND	0.28	0.19	1130	7.81	610	100	2
2078010	11/04/02	07	7.76	ND	0.20	0.02	1161	7.76	900	300	2
2078011	11/04/02	28	7.81	ND	0.16	0.06	561	7.81	340	120	2
2078012	11/04/02	04	7.89	ND	0.18	0.19	1106	7.77	520	40	2
2078013	11/04/02	25	7.91	ND	0.14	0.19	798	7.61	1480	250	0
2078014	11/04/02	05	7.93	ND	0.11	0.17	1089	7.99	890	200	1
2078015	11/04/02	17	7.91	ND	0.24	0.22	938	8.27	1980	240	1
2078016	11/04/02	26	7.98	ND	0.21	0.23	942	8.21	2680	120	0

mg/L = Parts Per Million
cfu = Colony Forming Units
ND = Not detected
TNTC = Too Numerous to Count

Completed: 9/25/02
Reviewed: 9/26/02

Daniel K. Wright
Laboratory Director

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l			-
NJDEP Criteria:	-	-	1.09	0.388	-	-	21000	0.083			-
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND				
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND				
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND				
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND				
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND				
11/18/1998	FMETL	ND	ND	1.09	ND	ND	ND				
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND				
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND				
09/22/1999	FMETL	ND	ND	ND	ND	ND	ND				
12/09/1999	FMETL	ND	ND	ND	ND	ND	ND				
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND				
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND				
08/24/2000	FMETL	ND	ND	ND	ND	ND	ND				
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND				
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND				-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND				-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND				-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND				-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND				V
06/18/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P
11/05/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P

SOURCE: 3

Sampling Dates:
07/17/1997 - 11/05/2002

NOTES:

Stream 3 is Fresh-Water.
MeCl limit is 2.49 ug/L.
PCE limit is 0.388 ug/L.

Page 1 of 1

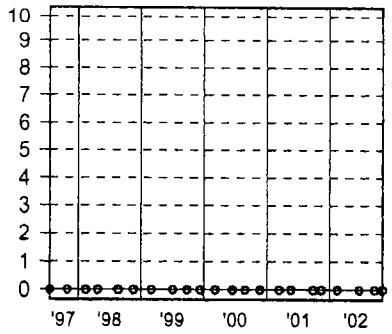
Fort Monmouth

GW Monitoring
Streams

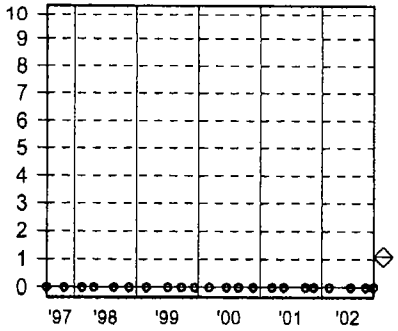
Source 1 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

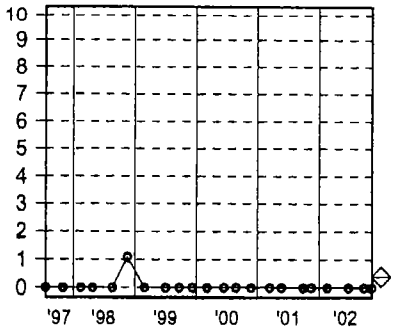
cis-1,2-Dichloroethene
(ug/l)



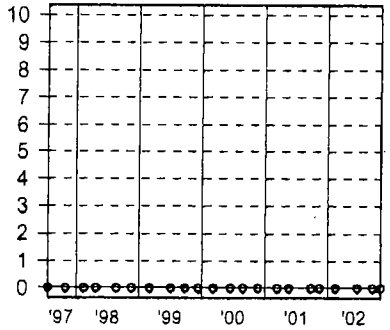
Trichloroethene
(ug/l)



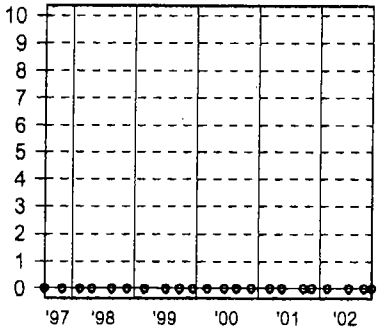
Tetrachloroethene
(ug/l)



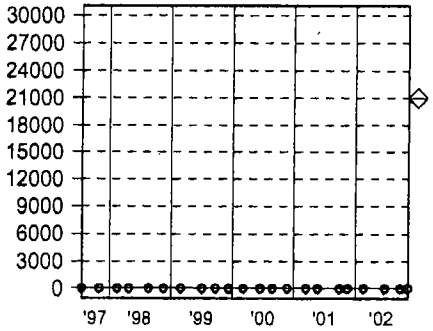
Acetone
(ug/l)



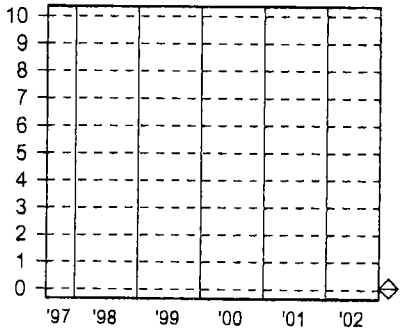
Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



Vinyl Chloride
(ug/l)



SOURCE: 3

Sampling Dates:
07/17/1997 - 11/05/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 1 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

02-12-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l			-
NJDEP Criteria:	-	-	1.09	0.388	-	-	21000	0.083			-
04/08/1997	FMETL	2.18	ND	ND	ND	ND	ND				
07/17/1997	FMETL	1.63	ND	1.61	ND	ND	ND				
10/30/1997	FMETL	ND	ND	1.24	ND	ND	ND				
02/10/1998	FMETL	ND	ND	6.61	ND	ND	ND				
04/21/1998	FMETL	ND	ND	4.42	ND	ND	ND				
08/19/1998	FMETL	1.92	1.10	2.85	ND	ND	ND				
11/17/1998	FMETL	1.19	ND	1.62	ND	ND	ND				
02/25/1999	FMETL	ND	ND	5.61	ND	ND	ND				
06/29/1999	FMETL	2.41	1.56	5.27	ND	ND	ND				
09/22/1999	FMETL	2.02	ND	1.85	ND	ND	ND				
12/09/1999	FMETL	ND	ND	ND	ND	ND	ND				
03/01/2000	FMETL	1.23	1.26	6.18	ND	2.18	ND				
06/12/2000	FMETL	ND	ND	4.37	ND	ND	ND				
08/24/2000	FMETL	1.19	1.19	3.19	ND	ND	ND				
11/20/2000	FMETL	ND	ND	3.70	ND	ND	ND				-
03/08/2001	FMETL	ND	ND	2.52	ND	ND	ND				-
05/16/2001	FMETL	ND	ND	2.95	ND	ND	ND				-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND				-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND				-
02/11/2002	FMETL	ND	ND	1.64	ND	ND	ND				V
06/18/2002	FMETL	ND	ND	1.97	ND	ND	ND				V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P

SOURCE: 4

Sampling Dates:
04/08/1997 - 11/04/2002

NOTES:

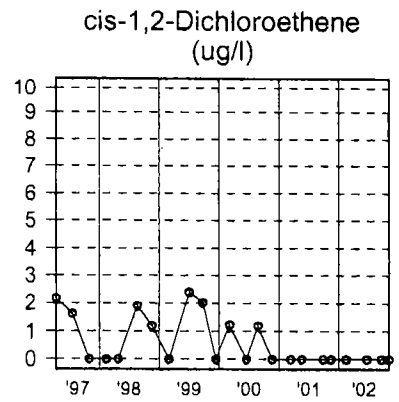
PAGE 1 OF 1
Stream 4 is Salt-Water.
MTBE limit is NLE
cis-1,2-Di limit is NLE
TCE limit is 81
PCE limit is 4.29

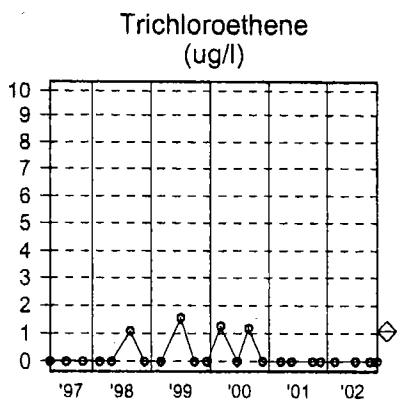
Fort Monmouth

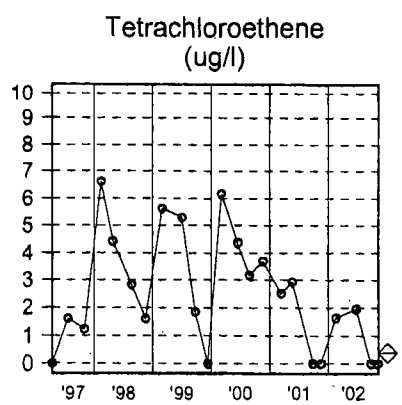
GW Monitoring
Streams

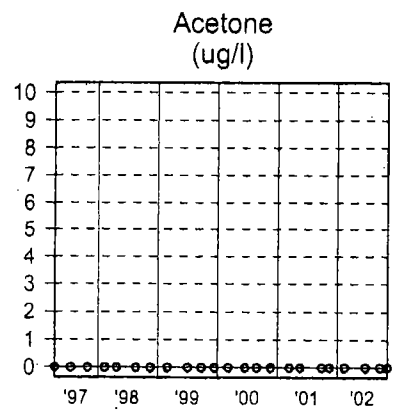
Source 2 of 23

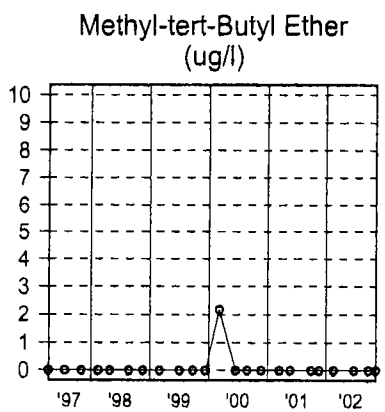
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

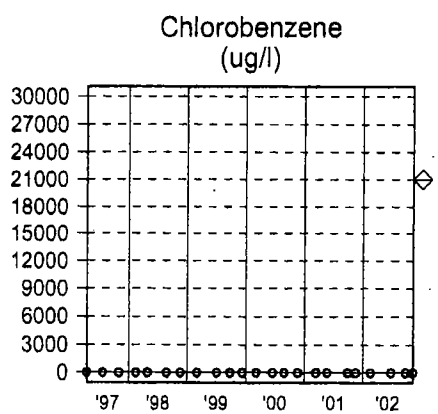


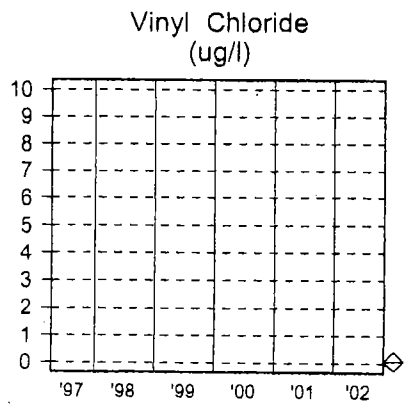












SOURCE: 4

Sampling Dates:
04/08/1997 - 11/04/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 2 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

02-12-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l			-
NJDEP Criteria:	-	-	1.09	0.388	-	-	21000	0.083			-
04/08/1997	FMETL	1.80	ND	2.28	ND	ND	ND				
07/17/1997	FMETL	3.66	ND	3.54	ND	ND	ND				
10/30/1997	FMETL	1.83	ND	1.70	ND	ND	ND				
02/10/1998	FMETL	ND	ND	6.34	ND	ND	ND				
04/21/1998	FMETL	ND	ND	4.48	ND	ND	ND				
08/19/1998	FMETL	2.28	1.27	3.39	ND	ND	ND				
11/17/1998	FMETL	1.67	ND	2.17	ND	ND	ND				
02/25/1999	FMETL	ND	ND	5.45	ND	ND	ND				
06/29/1999	FMETL	2.74	1.74	6.04	ND	ND	ND				
09/22/1999	FMETL	1.96	ND	1.82	ND	ND	ND				
12/09/1999	FMETL	1.60	ND	3.82	ND	ND	ND				
03/01/2000	FMETL	1.27	1.36	6.62	ND	2.34	ND				
06/12/2000	FMETL	ND	ND	4.38	ND	ND	ND				
08/24/2000	FMETL	1.19	ND	3.44	ND	ND	ND				
11/20/2000	FMETL	ND	ND	3.58	ND	ND	ND				-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND				-
05/16/2001	FMETL	0.97	ND	4.09	ND	ND	ND				-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND				-
11/14/2001	FMETL	1.51	ND	1.99	ND	ND	ND				-
02/11/2002	FMETL	ND	ND	2.44	ND	ND	ND				V
06/18/2002	FMETL	ND	ND	2.39	ND	ND	ND				V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P

SOURCE: 5

Sampling Dates:
04/08/1997 - 11/04/2002

NOTES:

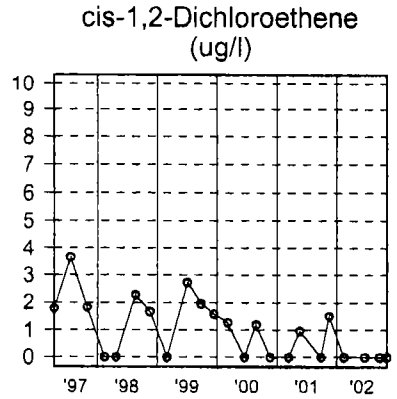
Page 1 of 1
Stream 5 is Salt-Water.
MeCl limit is 1600 ug/L.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.

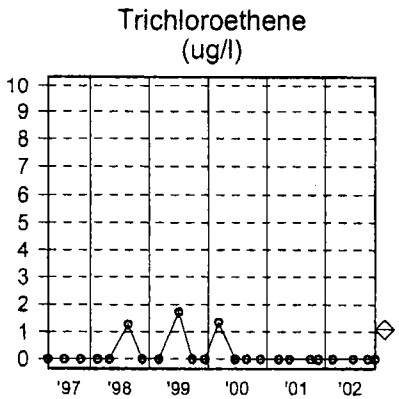
Fort Monmouth

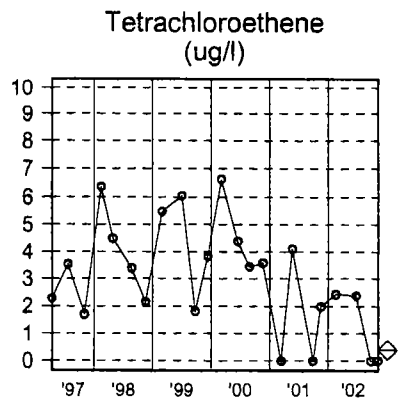
GW Monitoring
Streams

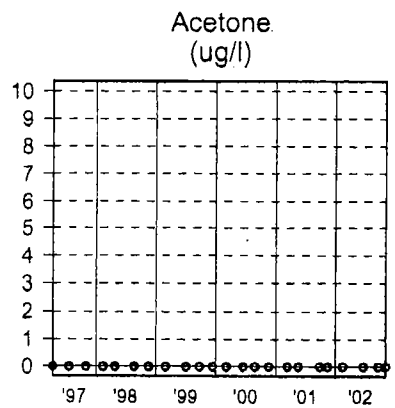
Source 3 of 23

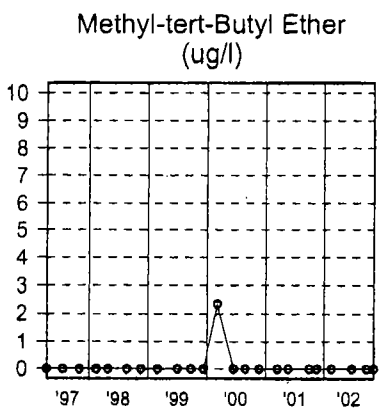
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

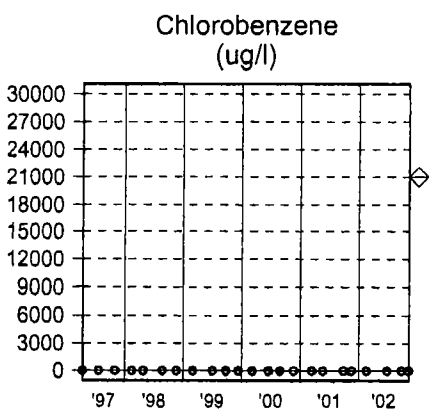


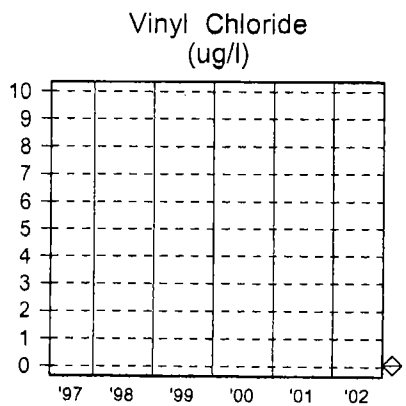












SOURCE: 5

Sampling Dates:
04/08/1997 - 11/04/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 3 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

02-12-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l			-
NJDEP Criteria:	-	-	1.09	0.388	-	-	21000	0.083			-
04/08/1997	FMETL	ND	ND	ND	ND	ND	ND				
07/17/1997	FMETL	1.14	ND	1.08	ND	ND	ND				
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND				
02/10/1998	FMETL	ND	ND	2.04	ND	ND	ND				
04/21/1998	FMETL	ND	ND	2.40	ND	ND	ND				
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND				
11/17/1998	FMETL	ND	ND	ND	ND	ND	ND				
02/25/1999	FMETL	ND	ND	2.85	ND	ND	ND				
06/29/1999	FMETL	ND	ND	1.42	2.94	2.00	ND				
09/22/1999	FMETL	ND	ND	ND	ND	ND	ND				
12/09/1999	FMETL	ND	ND	ND	ND	ND	ND				
03/01/2000	FMETL	1.19	1.30	6.47	ND	2.14	ND				
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND				
08/24/2000	FMETL	ND	ND	1.77	ND	ND	ND				
11/20/2000	FMETL	ND	ND	1.94	ND	ND	ND				-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND				-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND				-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND				-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND				-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND				V
06/18/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P

SOURCE: 7

Sampling Dates:
04/08/1997 - 11/04/2002

NOTES:

Page 1 of 1
Stream 7 is Salt-Water.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.
Acetone limit is NLE.

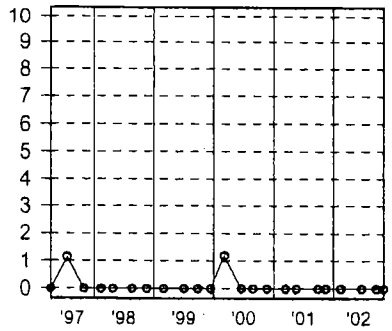
Fort Monmouth

GW Monitoring
Streams

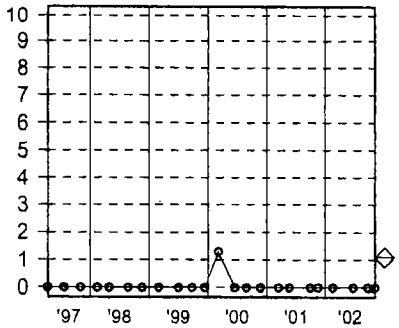
Source 4 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

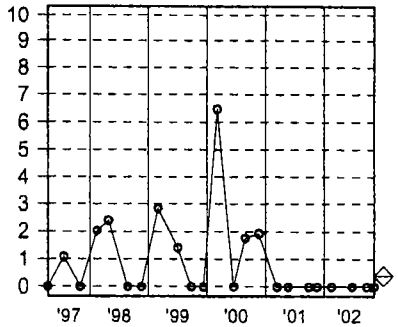
cis-1,2-Dichloroethene
(ug/l)



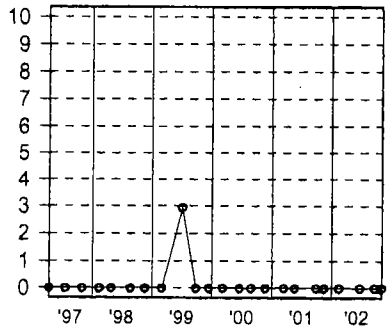
Trichloroethene
(ug/l)



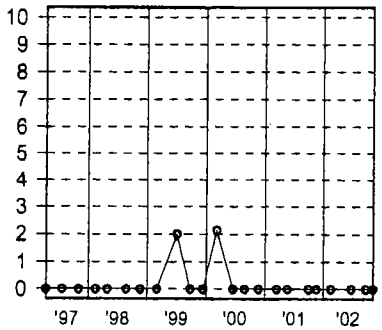
Tetrachloroethene
(ug/l)



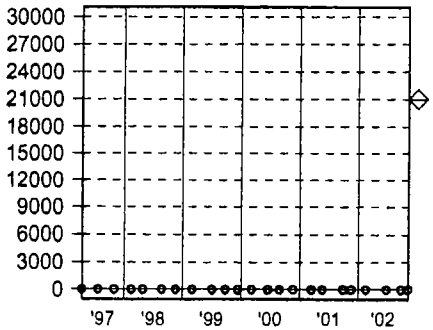
Acetone
(ug/l)



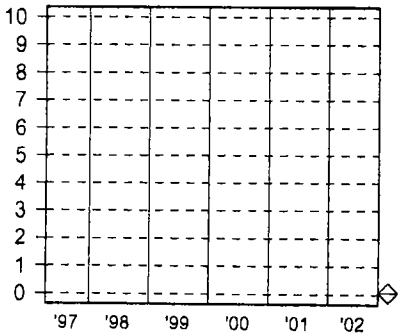
Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



Vinyl Chloride
(ug/l)



SOURCE: 7

Sampling Dates:
04/08/1997 - 11/04/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 4 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l			-
NJDEP Criteria:	-	-	1.09	0.388	-	-	21000	0.083			-
04/08/1997	FMETL	2.78	ND	ND	ND	ND	ND				
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND				
10/30/1997	FMETL	2.14	ND	ND	ND	ND	ND				
02/10/1998	FMETL	6.00	ND	ND	ND	ND	ND				
04/21/1998	FMETL	4.73	ND	ND	ND	ND	ND				
08/19/1998	FMETL	1.69	ND	ND	ND	ND	ND				
11/17/1998	FMETL	ND	ND	ND	ND	ND	ND				
02/25/1999	FMETL	1.78	ND	ND	ND	ND	ND				
06/29/1999	FMETL	ND	ND	ND	2.50	ND	ND				
09/21/1999	FMETL	1.91	ND	ND	ND	ND	ND				
12/09/1999	FMETL	ND	ND	ND	25.08	ND	ND				
03/01/2000	FMETL	2.17	ND	ND	ND	ND	ND				
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND				
08/24/2000	FMETL	1.11	ND	ND	ND	ND	ND				
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND				-
11/20/2000D	FMETL	ND	ND	ND	ND	ND	ND				-
02/21/2001	FMETL	1.72	ND	ND	ND	ND	ND				-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND				-
09/11/2001	FMETL	ND	ND	ND	ND	ND	ND				-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND				-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND				V
06/18/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P
11/04/2002	FMETL	1.24	ND	ND	ND	ND	ND				V,P

SOURCE: 9

Sampling Dates:
04/08/1997 - 11/04/2002

NOTES:

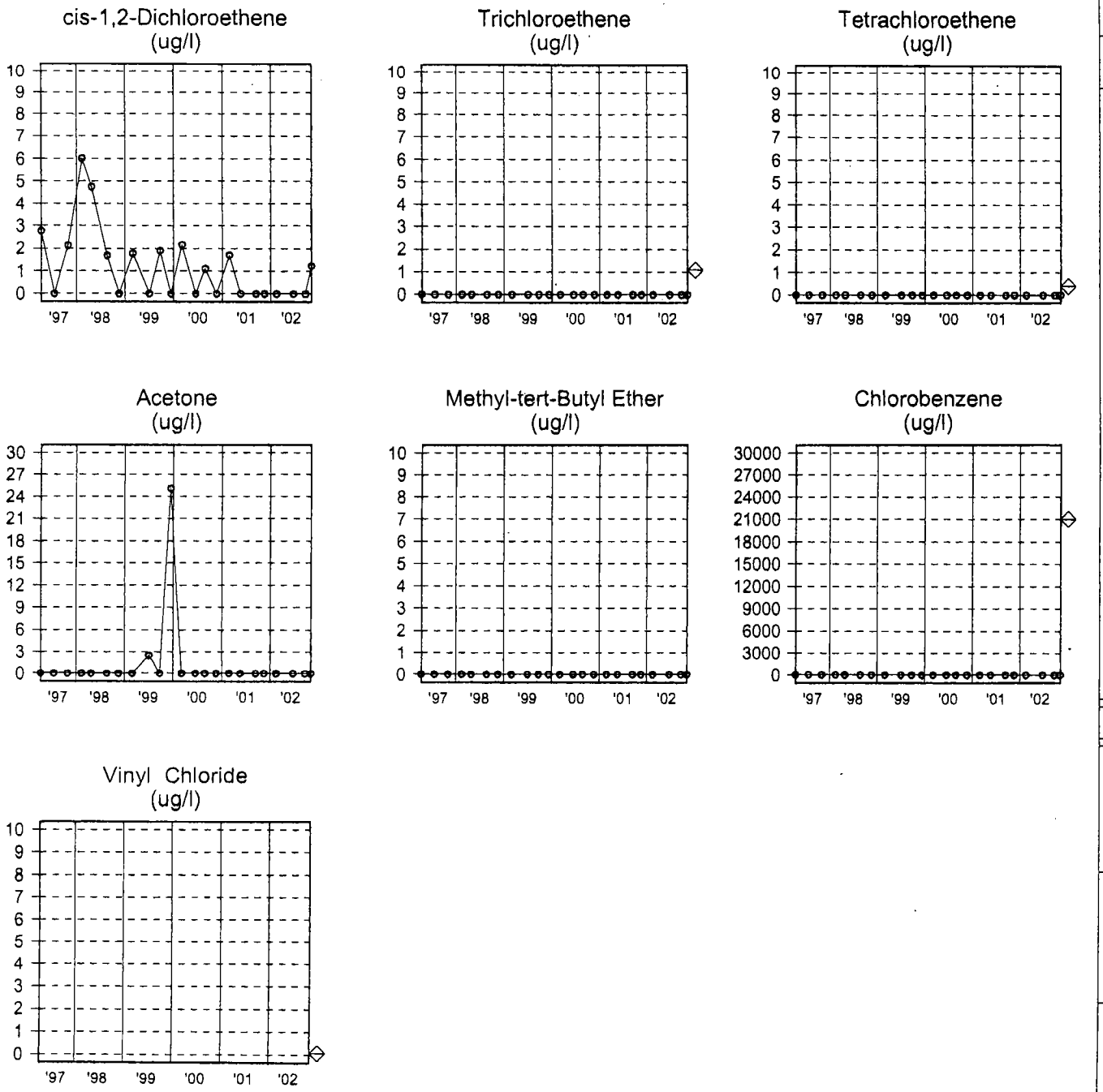
PAGE 1 OF 1
Stream 9 is Salt-Water.
MeCl limit is 1600 ug/L.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 5 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 9

Sampling Dates:
04/08/1997 - 11/04/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 5 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

02-12-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l			-
NJDEP Criteria:	-	-	1.09	0.388	-	-	21000	0.083			-
04/08/1997	FMETL	18.72	1.58	ND	ND	ND	ND				
07/17/1997	FMETL	14.13	ND	ND	ND	ND	ND				
10/30/1997	FMETL	18.23	ND	ND	ND	ND	ND				
02/10/1998	FMETL	24.71	2.14	ND	ND	ND	ND				
04/21/1998	FMETL	21.66	1.82	ND	ND	ND	ND				
08/19/1998	FMETL	11.73	ND	ND	ND	ND	ND				
11/18/1998	FMETL	8.82	ND	ND	ND	ND	ND				
02/25/1999	FMETL	9.11	ND	ND	ND	ND	ND				
06/29/1999	FMETL	5.77	ND	ND	ND	ND	ND				
09/21/1999	FMETL	15.62	ND	ND	ND	ND	ND				
12/09/1999	FMETL	11.90	ND	ND	ND	ND	ND				
03/01/2000	FMETL	11.01	ND	ND	ND	1.64	ND				
06/12/2000	FMETL	8.03	ND	ND	ND	ND	ND				
08/24/2000	FMETL	9.08	ND	ND	ND	ND	ND				
08/24/2000D	FMETL	8.70	ND	ND	6.22	ND	ND				
11/20/2000	FMETL	5.34	ND	ND	ND	ND	ND				-
02/21/2001	FMETL	8.26	ND	ND	ND	ND	ND				-
05/16/2001	FMETL	5.21	ND	ND	ND	ND	ND				-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND				-
11/14/2001	FMETL	1.93	ND	ND	ND	ND	ND				-
02/11/2002	FMETL	1.05	ND	ND	ND	ND	ND				V
06/18/2002	FMETL	3.08	ND	ND	ND	ND	ND				V,P
09/18/2002	FMETL	4.17	ND	ND	ND	ND	ND				V,P
11/05/2002	FMETL	7.48	ND	ND	ND	ND	ND	1.33			V,P

SOURCE: 11

Sampling Dates:
04/08/1997 - 11/05/2002

NOTES:

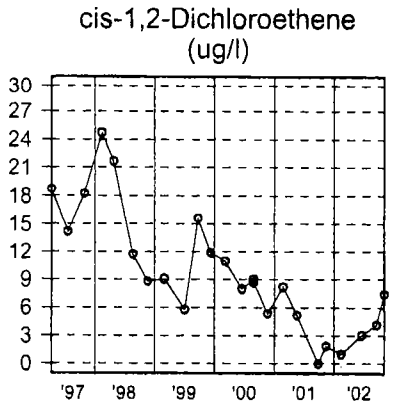
Page 1 of1
Stream 11 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09 ug/L.
MTBE limit is NLE.

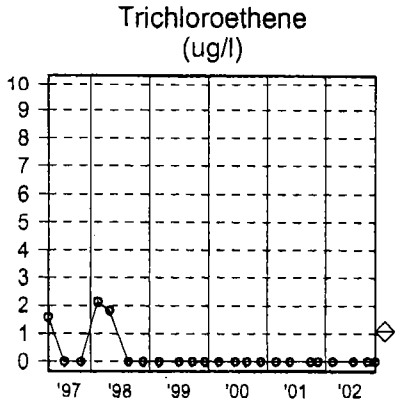
Fort Monmouth

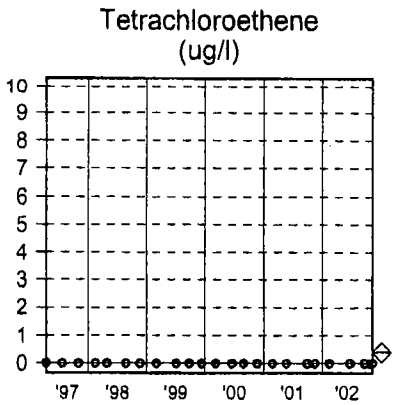
GW Monitoring
Streams

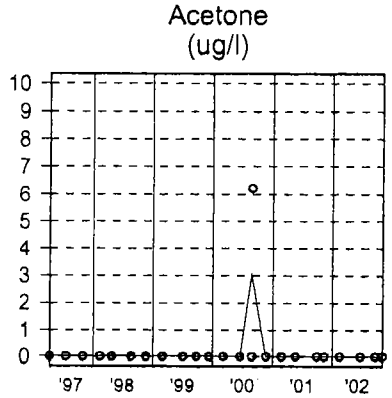
Source 6 of 23

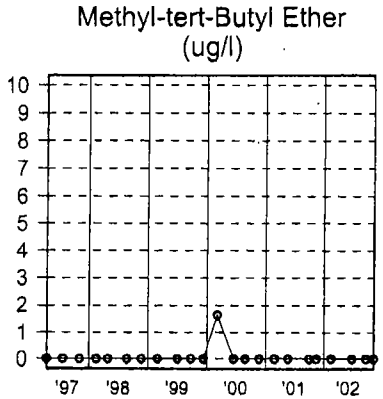
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

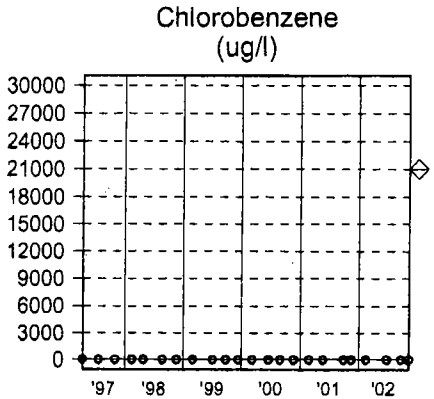


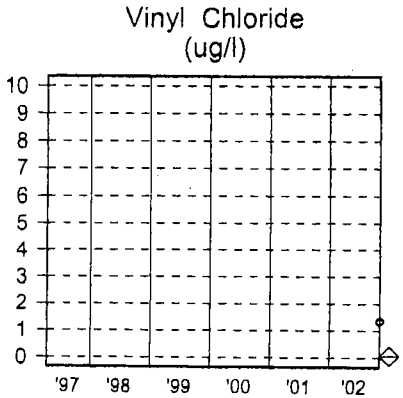












SOURCE: 11

Sampling Dates:
04/08/1997 - 11/05/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 6 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

02-12-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l			-
NJDEP Criteria:	-	-	1.09	0.388	-	-	21000	0.083			-
04/08/1997	FMETL	6.63	ND	ND	ND	ND	ND				
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND				
10/30/1997	FMETL	5.67	ND	ND	ND	ND	ND				
02/10/1998	FMETL	6.54	ND	ND	ND	ND	ND				
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND				
08/19/1998	FMETL	4.58	ND	ND	ND	ND	ND				
11/18/1998	FMETL	2.48	ND	ND	ND	ND	ND				
02/25/1999	FMETL	1.80	ND	ND	ND	ND	ND				
06/29/1999	FMETL	1.39	ND	ND	ND	ND	ND				
09/21/1999	FMETL	3.67	ND	ND	9.54	ND	ND				
12/09/1999	FMETL	2.74	ND	ND	ND	ND	ND				
03/01/2000	FMETL	3.13	ND	ND	ND	ND	ND				
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND				
08/24/2000	FMETL	2.00	ND	ND	ND	ND	ND				
11/20/2000	FMETL	1.87	ND	ND	ND	ND	ND				-
02/21/2001	FMETL	1.89	ND	ND	ND	ND	ND				-
05/16/2001	FMETL	1.66	ND	ND	ND	ND	ND				-
05/16/2001D	FMETL	1.72	ND	ND	ND	ND	ND				-
09/11/2001	FMETL	ND	ND	ND	ND	ND	ND				-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND				-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND				V
06/18/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P
11/05/2003	FMETL	5.16	ND	ND	ND	ND	ND	ND			V,P

SOURCE: 12

Sampling Dates:
04/08/1997 - 11/05/2003

NOTES:

Page 1 of 1
Stream 12 is Fresh-Water.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.

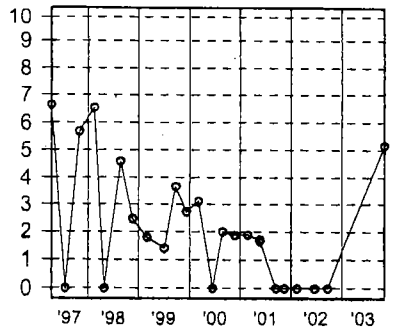
Fort Monmouth

GW Monitoring
Streams

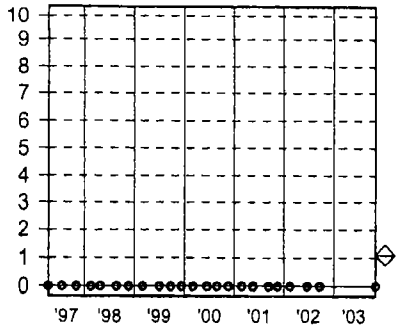
Source 7 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

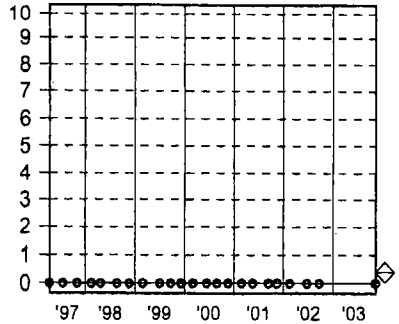
cis-1,2-Dichloroethene
(ug/l)



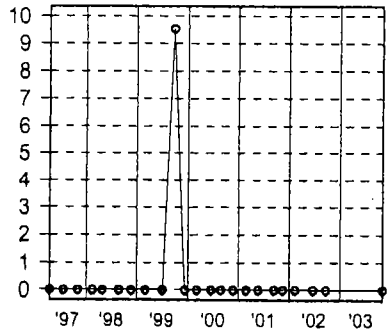
Trichloroethene
(ug/l)



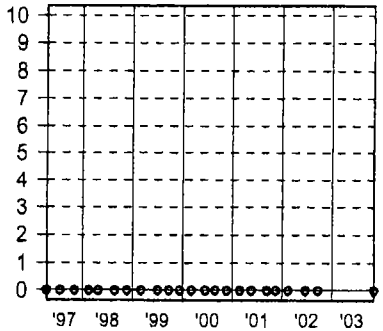
Tetrachloroethene
(ug/l)



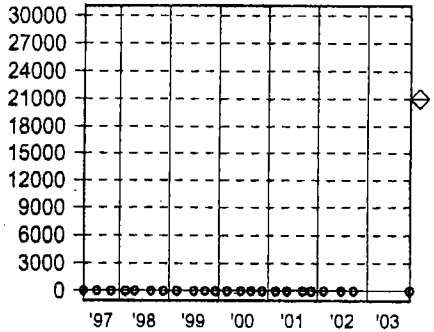
Acetone
(ug/l)



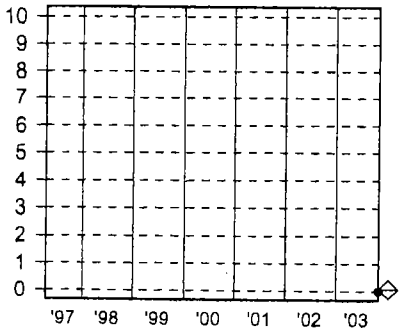
Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



Vinyl Chloride
(ug/l)



SOURCE: 12

Sampling Dates:
04/08/1997 - 11/05/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 7 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

02-12-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l			-
NJDEP Criteria:	-	-	1.09	0.388	-	-	21000	0.083			-
04/08/1997	FMETL	ND	ND	ND	2.81	ND	ND				
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND				
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND				
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND				
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND				
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND				
11/18/1998	FMETL	ND	ND	ND	ND	ND	ND				
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND				
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND				
09/22/1999	FMETL	ND	ND	ND	ND	ND	ND				
12/09/1999	FMETL	ND	ND	3.94	ND	ND	ND				
03/01/2000	FMETL	1.35	1.40	6.92	ND	2.40	ND				
06/12/2000	FMETL	ND	ND	5.56	ND	ND	ND				
08/24/2000	FMETL	2.17	1.78	5.40	ND	ND	ND				
11/20/2000	FMETL	ND	ND	6.58	ND	ND	ND				-
02/21/2001	FMETL	ND	ND	ND	ND	ND	ND				-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND				-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND				-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND				-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND				V
06/18/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P
11/05/2002	FMETL	ND	ND	1.46	ND	ND	ND	ND			V,P

SOURCE: 13

Sampling Dates:
04/08/1997 - 11/05/2002

NOTES:

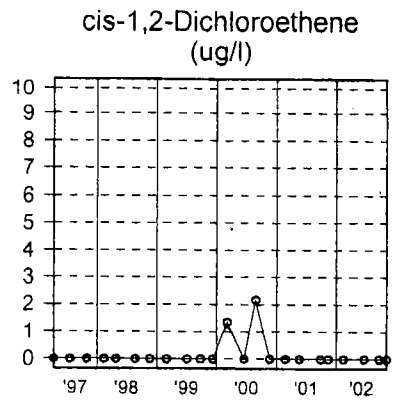
Page 1 of 1
Stream 13 is Fresh-Water.
MeCl limit is 2.49 ug/L.
cis-1,2-Di limit is NLE.
TCE limit is 1.09.
PCE limit is 0.388 ug/L.
Acetone limit is NLE.
MTBE limit is NLE.

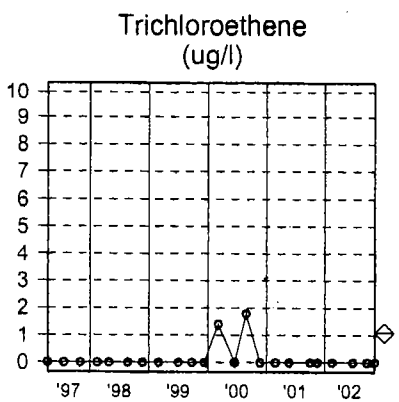
Fort Monmouth

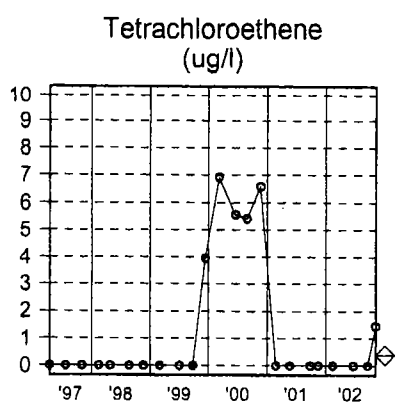
GW Monitoring
Streams

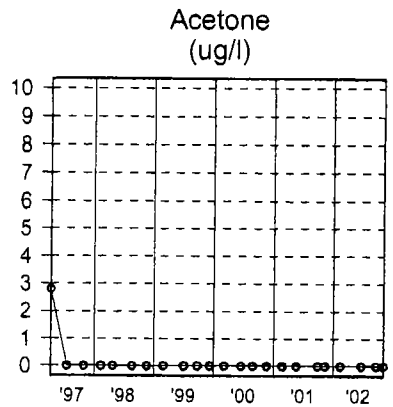
Source 8 of 23

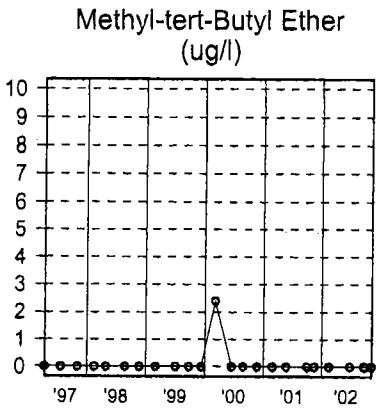
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

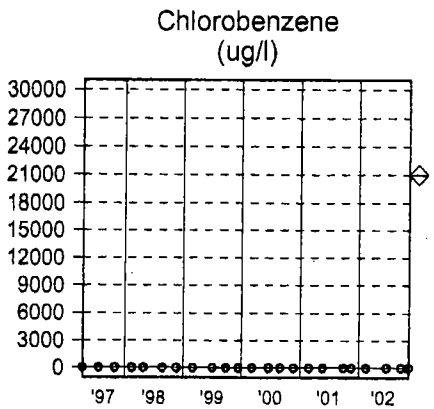


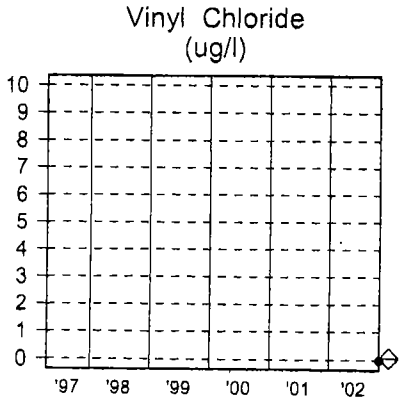












SOURCE: 13

Sampling Dates:
04/08/1997 - 11/05/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 8 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

02-12-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l			-
NJDEP Criteria:	-	-	1.09	0.388	-	-	21000	0.083			-
04/08/1997	FMETL	ND	ND	ND	3.94	ND	ND				
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND				
10/30/1997	FMETL	1.59	1.75	ND	ND	ND	ND				
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND				
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND				
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND				
11/18/1998	FMETL	ND	ND	ND	3.32	ND	ND				
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND				
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND				
09/22/1999	FMETL	ND	ND	ND	ND	ND	ND				
12/09/1999	FMETL	11.26	ND	ND	ND	ND	ND				
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND				
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND				
08/24/2000	FMETL	ND	ND	ND	ND	ND	ND				
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND				-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND				-
03/08/2001D	FMETL	ND	ND	ND	ND	ND	ND				-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND				-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND				-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND				-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND				V
06/18/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P
11/05/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P

SOURCE: 14

Sampling Dates:
04/08/1997 - 11/05/2002

NOTES:

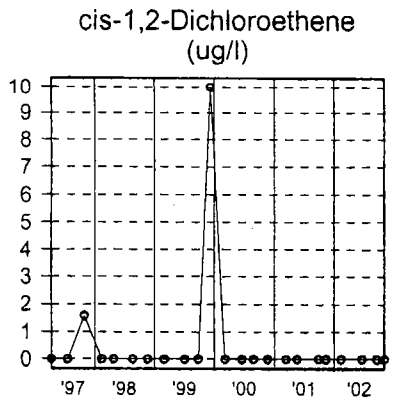
Page 1 of 1
Stream 14 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09.
Acetone limit is NLE.

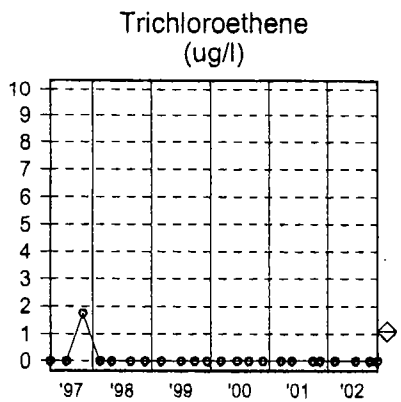
Fort Monmouth

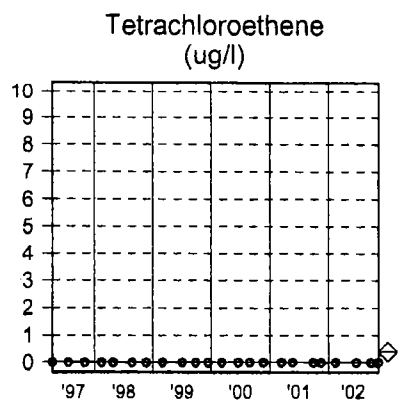
GW Monitoring
Streams

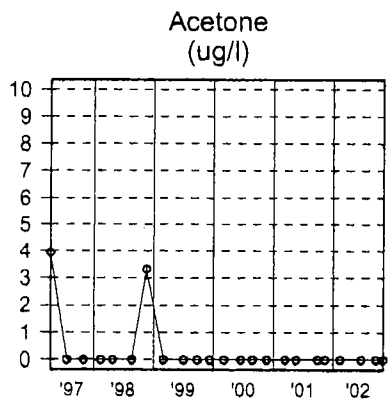
Source 9 of 23

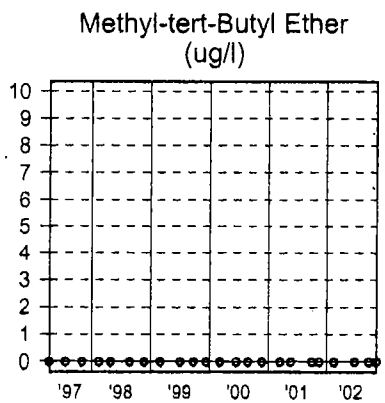
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

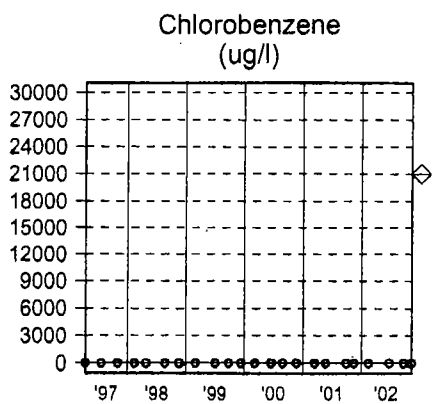


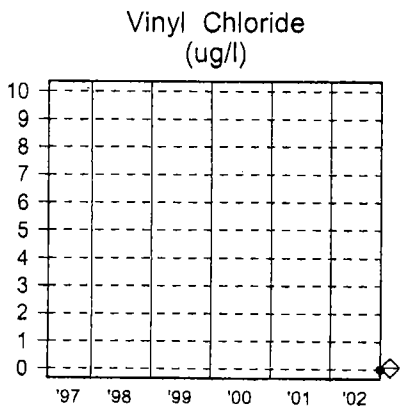












SOURCE: 14

Sampling Dates:
04/08/1997 - 11/05/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 9 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

02-12-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l			-
NJDEP Criteria:	-	-	1.09	0.388	-	-	21000	0.083			-
04/08/1997	FMETL	2.69	1.60	6.00	ND	ND	ND				
07/17/1997	FMETL	5.53	2.50	7.12	ND	ND	ND				
10/30/1997	FMETL	2.57	ND	2.72	ND	ND	ND				
02/10/1998	FMETL	ND	1.03	6.90	ND	ND	ND				
04/21/1998	FMETL	1.22	1.21	5.72	ND	ND	ND				
08/19/1998	FMETL	3.89	2.06	5.39	ND	ND	ND				
11/18/1998	FMETL	ND	ND	ND	ND	ND	ND				
02/25/1999	FMETL	ND	ND	7.33	ND	ND	ND				
06/29/1999	FMETL	4.17	2.40	7.86	ND	ND	ND				
09/21/1999	FMETL	3.59	1.37	2.61	ND	ND	ND				
12/09/1999	FMETL	ND	ND	4.08	ND	ND	ND				
03/01/2000	FMETL	1.39	1.39	6.95	ND	2.38	ND				
06/12/2000	FMETL	ND	ND	5.94	ND	ND	ND				
08/24/2000	FMETL	2.02	1.09	5.20	ND	ND	ND				
11/20/2000	FMETL	ND	ND	6.29	ND	ND	ND				-
02/21/2001	FMETL	ND	ND	7.19	ND	ND	ND				-
05/16/2001	FMETL	1.50	ND	6.64	ND	ND	ND				-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND				-
09/25/2001D	FMETL	ND	ND	ND	ND	ND	ND				-
11/14/2001	FMETL	3.09	ND	3.49	ND	ND	ND				-
02/11/2002	FMETL	ND	ND	2.65	ND	ND	ND				V
06/18/2002	FMETL	1.63	ND	2.67	ND	ND	ND				V,P
09/18/2002	FMETL	2.39	ND	2.55	ND	ND	ND				V,P
11/05/2002	FMETL	ND	ND	1.52	ND	ND	ND	ND			V,P

SOURCE: 15

Sampling Dates:
04/08/1997 - 11/05/2002

NOTES:

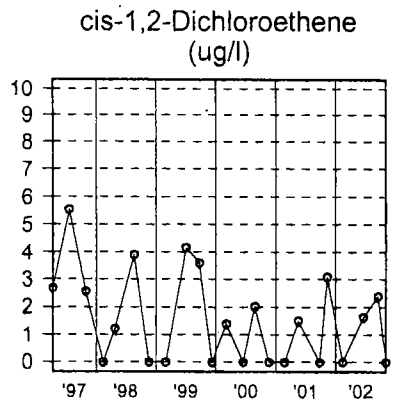
Page 1 of 1
Stream 15 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09 ug/L.
PCE limit is 0.388 ug/L.
MTBE limit is NLE.

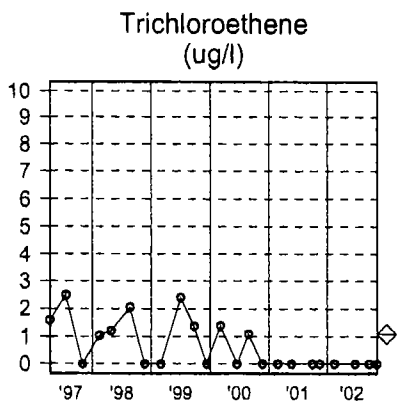
Fort Monmouth

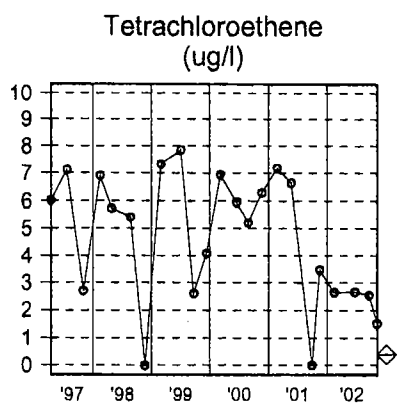
GW Monitoring
Streams

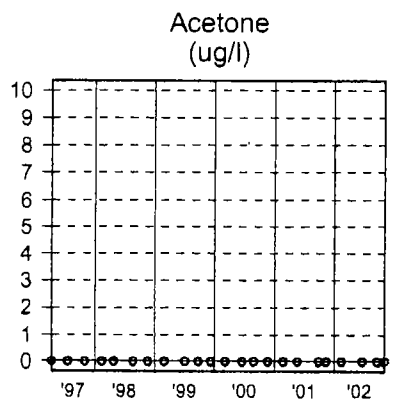
Source 10 of 23

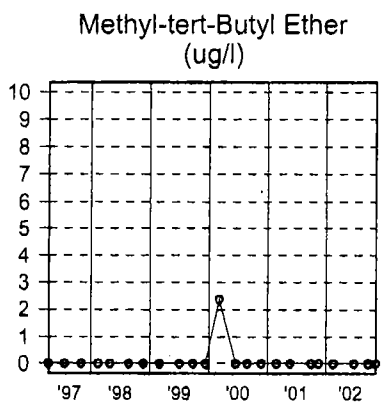
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

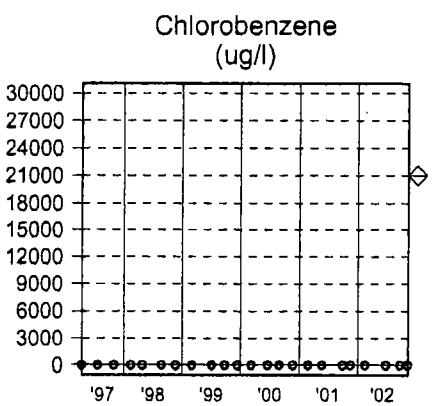


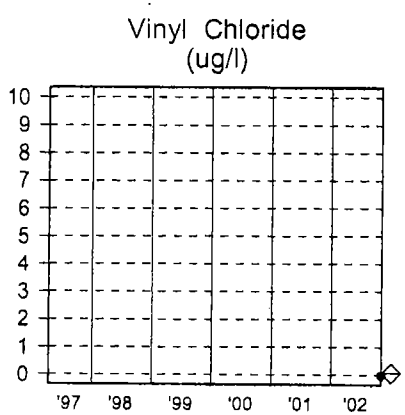












SOURCE: 15

Sampling Dates:
04/08/1997 - 11/05/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 10 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

02-12-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l			-
NJDEP Criteria:	-	-	1.09	0.388	-	-	21000	0.083			-
04/08/1997	FMETL	2.05	1.26	4.47	ND	ND	ND				
07/17/1997	FMETL	2.55	ND	4.72	ND	ND	ND				
10/30/1997	FMETL	1.76	ND	1.86	ND	ND	ND				
02/10/1998	FMETL	ND	ND	6.23	ND	ND	ND				
04/21/1998	FMETL	ND	ND	4.58	ND	ND	ND				
08/19/1998	FMETL	2.94	1.63	4.33	ND	ND	ND				
11/18/1998	FMETL	ND	ND	1.48	ND	ND	ND				
02/25/1999	FMETL	ND	ND	6.06	ND	ND	ND				
06/29/1999	FMETL	3.56	2.25	7.70	ND	ND	ND				
09/22/1999	FMETL	2.74	ND	2.63	ND	ND	ND				
12/09/1999	FMETL	1.79	ND	4.13	ND	ND	ND				
03/01/2000	FMETL	1.28	1.27	6.47	ND	2.33	ND				
06/12/2000	FMETL	ND	ND	3.74	ND	ND	ND				
08/24/2000	FMETL	1.68	1.28	4.47	ND	ND	ND				
11/20/2000	FMETL	ND	ND	4.49	ND	ND	ND				-
02/21/2001	FMETL	ND	ND	6.25	ND	ND	ND				-
05/16/2001	FMETL	1.23	ND	4.91	ND	ND	ND				-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND				-
11/14/2001	FMETL	1.41	ND	2.00	ND	ND	ND				-
02/11/2002	FMETL	ND	ND	2.47	ND	ND	ND				V
06/18/2002	FMETL	1.35	ND	2.46	ND	ND	ND				V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P
11/05/2002	FMETL	ND	ND	1.49	ND	ND	ND	ND			V,P

SOURCE: 16

Sampling Dates:
04/08/1997 - 11/05/2002

NOTES:

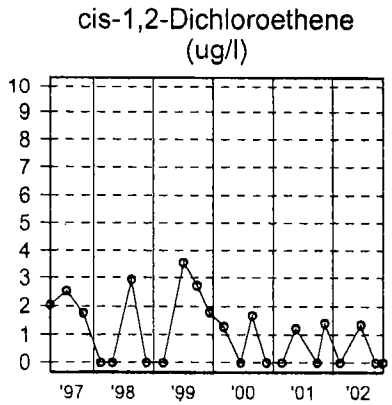
Page 1 of 1
Stream 16 is Salt-Water.
cis-1,2-di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.

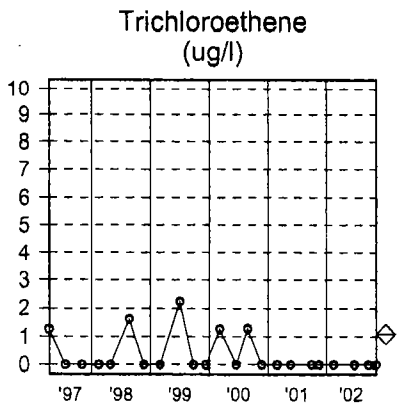
Fort Monmouth

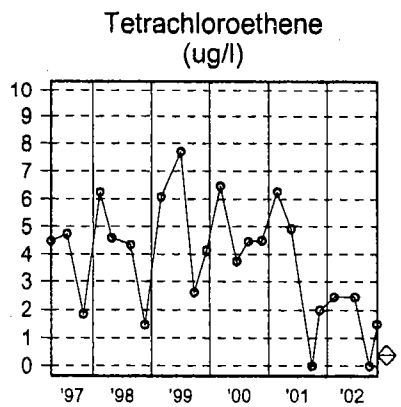
GW Monitoring
Streams

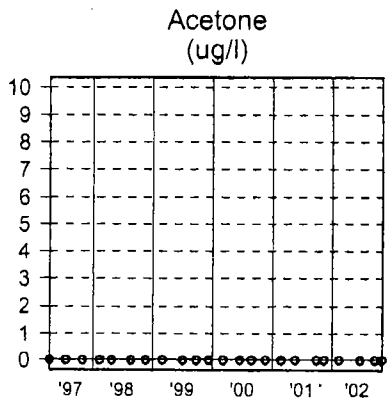
Source 11 of 23

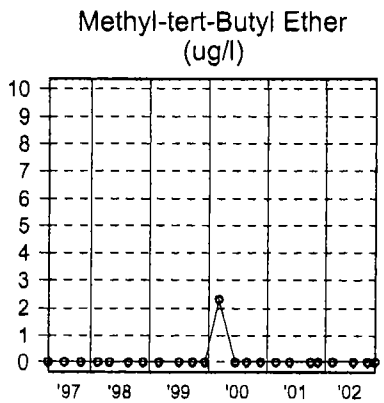
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

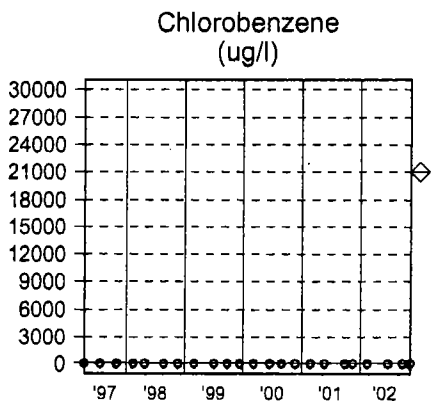


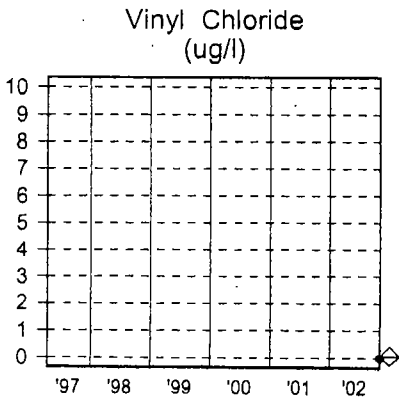












SOURCE: 16

Sampling Dates:
04/08/1997 - 11/05/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 11 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

02-12-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l			-
NJDEP Criteria:	-	-	1.09	0.388	-	-	21000	0.083			-
04/08/1997	FMETL	ND	ND	ND	1.97	ND	ND				
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND				
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND				
02/10/1998	FMETL	ND	ND	ND	ND	ND	1.59				
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND				
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND				
11/18/1998	FMETL	4.43	2.12	5.09	ND	ND	ND				
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND				
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND				
09/22/1999	FMETL	1.09	ND	ND	ND	ND	ND				
12/09/1999	FMETL	ND	ND	ND	ND	ND	ND				
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND				
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND				
08/24/2000	FMETL	ND	ND	ND	ND	ND	ND				
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND				-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND				-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND				-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND				-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND				-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND				V
06/18/2002	FMETL	ND	ND	ND	ND	ND	1.48				V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P

SOURCE: 17

Sampling Dates:
04/08/1997 - 11/04/2002

NOTES:

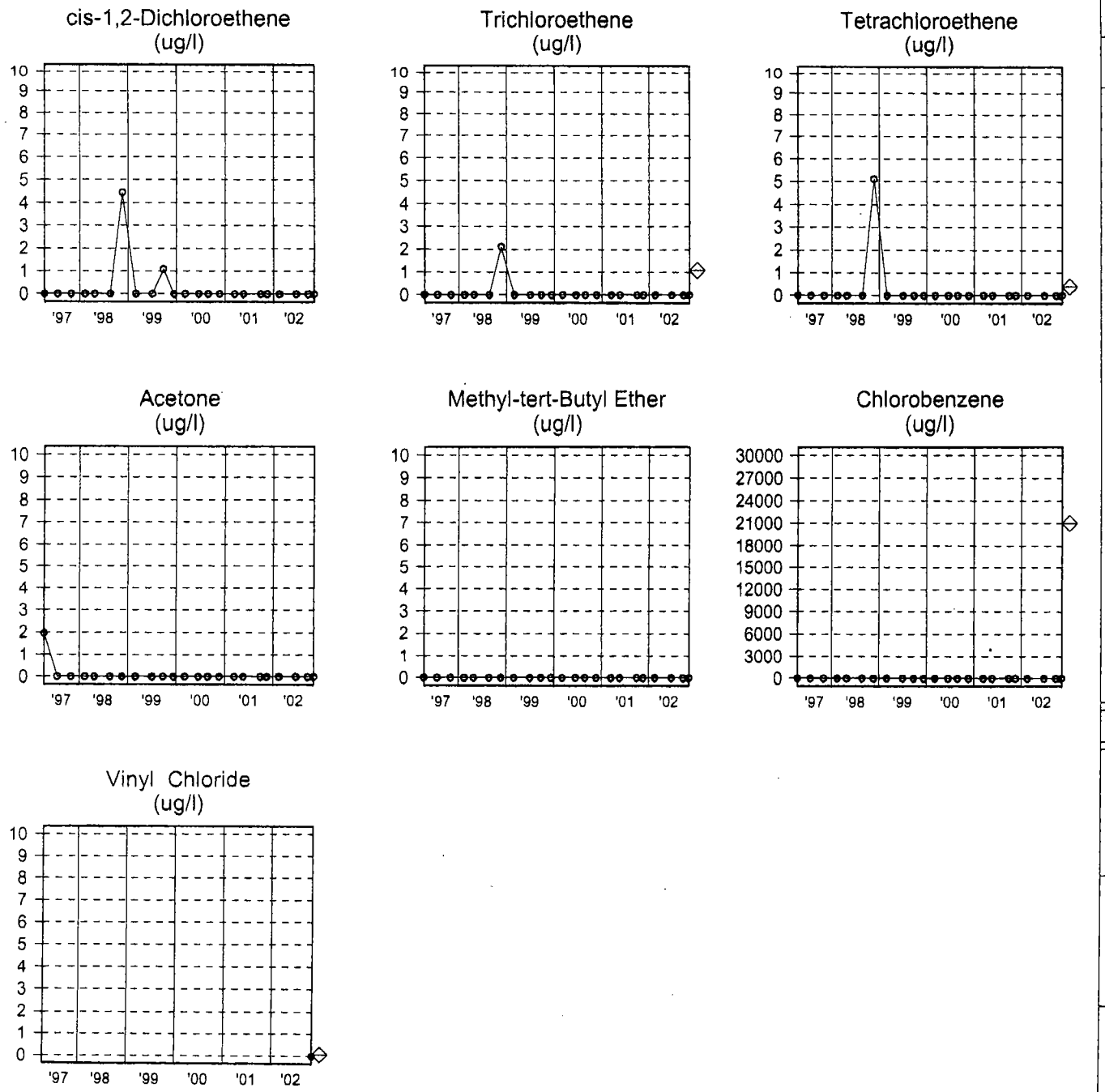
Page 1 of 1
stream 17 is Salt-Water.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
Acetone limit is NLE.
Chlorobenzene limit is 21000 ug/L.

Fort Monmouth

GW Monitoring
Streams

Source 12 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 17

Sampling Dates:
04/08/1997 - 11/04/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 12 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

02-12-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l			-
NJDEP Criteria:	-	-	1.09	0.388	-	-	21000	0.083			-
04/08/1997	FMETL	ND	ND	ND	ND	ND	ND				
07/17/1997	FMETL	1.06	ND	ND	ND	ND	ND				
10/30/1997	FMETL	5.87	ND	ND	ND	ND	ND				
02/10/1998	FMETL	14.36	ND	ND	ND	ND	ND				
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND				
08/19/1998	FMETL	4.65	ND	ND	ND	ND	ND				
11/18/1998	FMETL	3.18	ND	ND	ND	ND	ND				
02/25/1999	FMETL	3.95	ND	ND	ND	ND	ND				
06/29/1999	FMETL	1.47	ND	ND	ND	ND	ND				
09/21/1999	FMETL	4.67	ND	ND	ND	ND	ND				
12/09/1999	FMETL	4.90	ND	ND	ND	ND	ND				
03/01/2000	FMETL	5.57	ND	ND	ND	ND	ND				
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND				
08/24/2000	FMETL	2.46	ND	ND	15.24	ND	ND				
11/20/2000	FMETL	1.80	ND	ND	ND	ND	ND				-
02/21/2001	FMETL	4.10	ND	ND	ND	ND	ND				-
05/16/2001	FMETL	1.45	ND	ND	ND	ND	ND				-
09/11/2001	FMETL	ND	ND	ND	ND	ND	ND				-
09/11/2001D	FMETL	ND	ND	ND	ND	ND	ND				-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND				-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND				V
06/18/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P
11/05/2002	FMETL	5.14	ND	ND	ND	ND	ND	ND			V,P

SOURCE: 18

Sampling Dates:
04/08/1997 - 11/05/2002

NOTES:

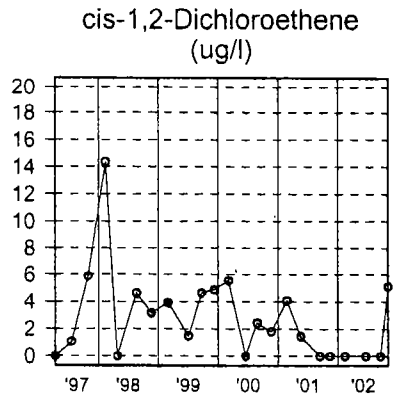
Page 1 of 1
Stream 18 is Fresh-Water.
cis-1,2-Di limit is NLE.

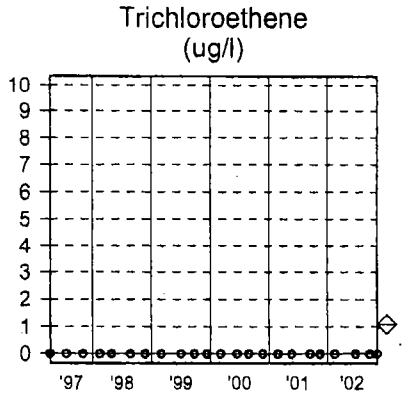
Fort Monmouth

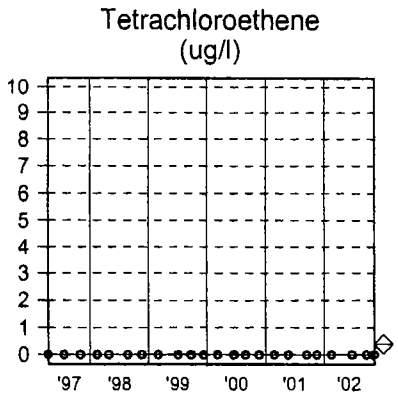
GW Monitoring
Streams

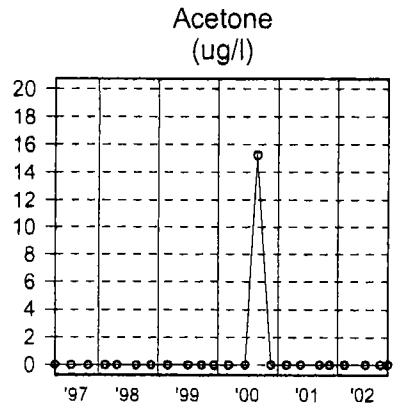
Source 13 of 23

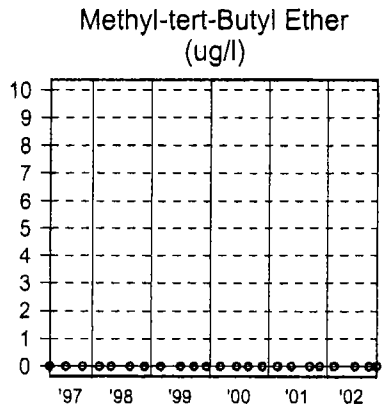
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

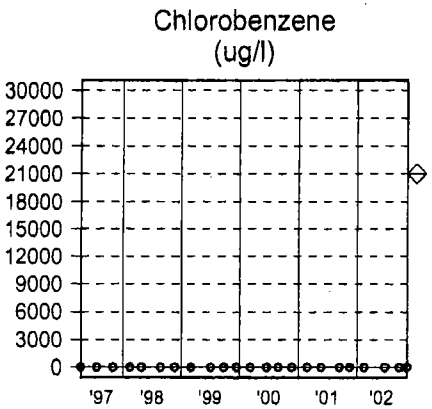


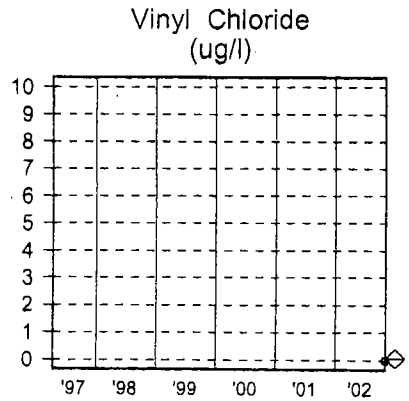












SOURCE: 18

Sampling Dates:
04/08/1997 - 11/05/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 13 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l			-
NJDEP Criteria:	-	-	1.09	0.388	-	-	21000	0.083			-
04/08/1997	FMETL	6.44	ND	ND	ND	ND	ND				
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND				
10/30/1997	FMETL	4.69	ND	ND	ND	ND	ND				
02/10/1998	FMETL	8.22	ND	ND	ND	ND	ND				
04/21/1998	FMETL	6.86	ND	ND	ND	ND	ND				
08/19/1998	FMETL	2.95	ND	ND	ND	ND	ND				
11/17/1998	FMETL	2.3	ND	ND	ND	ND	ND				
02/25/1999	FMETL	2.30	ND	ND	ND	ND	ND				
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND				
09/21/1999	FMETL	3.53	ND	ND	ND	ND	ND				
12/09/1999	FMETL	2.60	ND	ND	ND	ND	ND				
03/01/2000	FMETL	2.92	ND	ND	ND	ND	ND				
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND				
08/24/2000	FMETL	2.07	ND	ND	ND	ND	ND				
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND				-
02/21/2001	FMETL	2.99	ND	ND	ND	ND	ND				-
02/21/2001D	FMETL	3.87	ND	ND	ND	ND	ND				-
05/16/2001	FMETL	1.57	ND	ND	ND	ND	ND				-
09/11/2001	FMETL	ND	ND	ND	ND	ND	ND				-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND				-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND				V
06/18/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P
11/04/2002	FMETL	2.69	ND	ND	ND	ND	ND	ND			V,P

SOURCE: 19

Sampling Dates:
04/08/1997 - 11/04/2002

NOTES:

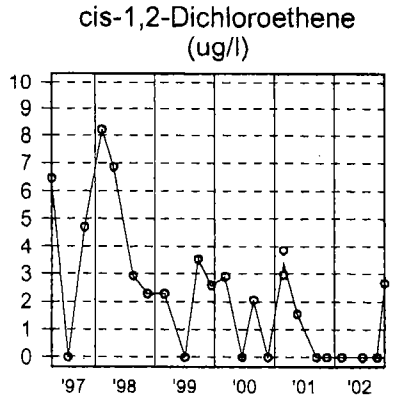
Page 1 of 1
Stream 19 is Salt-Water.
cis-1,2-Di limit is NLE.

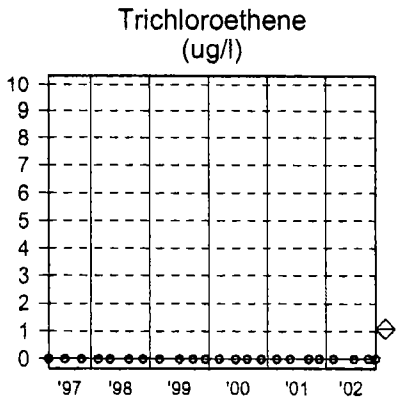
Fort Monmouth

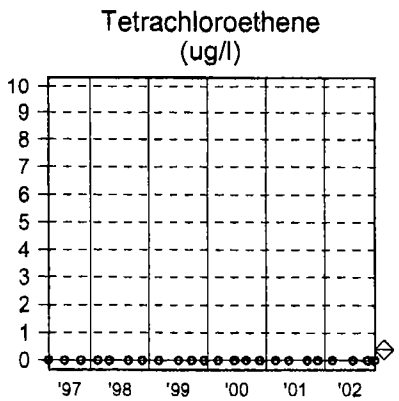
GW Monitoring
Streams

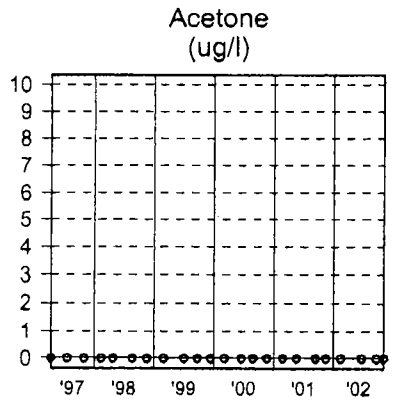
Source 14 of 23

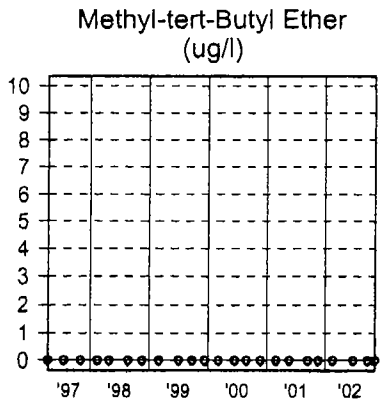
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

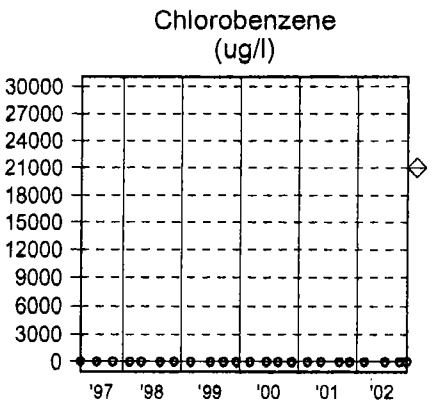


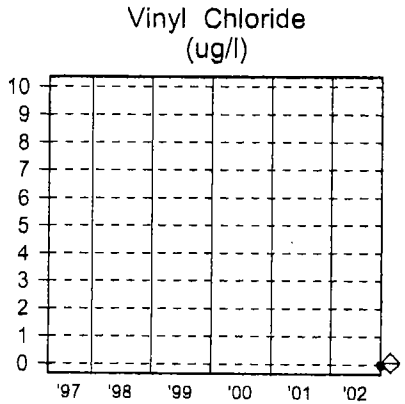












SOURCE: 19

Sampling Dates:
04/08/1997 - 11/04/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 14 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l			-
NJDEP Criteria:	-	-	1.09	0.388	-	-	21000	0.083			-
04/08/1997	FMETL	ND	ND	ND	ND	ND	ND				
07/17/1997	FMETL	ND	ND	ND	ND	2.63	ND				
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND				
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND				
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND				
08/19/1998	FMETL	ND	ND	ND	ND	4.85	ND				
11/17/1998	FMETL	ND	ND	ND	ND	ND	ND				
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND				
06/29/1999	FMETL	ND	ND	ND	ND	5.70	ND				
09/21/1999	FMETL	ND	ND	ND	ND	2.10	ND				
12/09/1999	FMETL	ND	ND	ND	ND	ND	ND				
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND				
06/12/2000	FMETL	ND	ND	ND	ND	6.38	ND				
08/24/2000	FMETL	ND	ND	ND	ND	2.58	ND				
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND				-
02/21/2001	FMETL	ND	ND	ND	ND	ND	ND				-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND				-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND				-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND				-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND				V
06/18/2002	FMETL	ND	ND	ND	ND	1.26	ND				V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P

SOURCE: 20

Sampling Dates:
04/08/1997 - 11/04/2002

NOTES:

Page 1 of 1
Stream20 is Salt-Water.
Ethylben limit is 27900 ug/L.
MTBE limit is NLE.

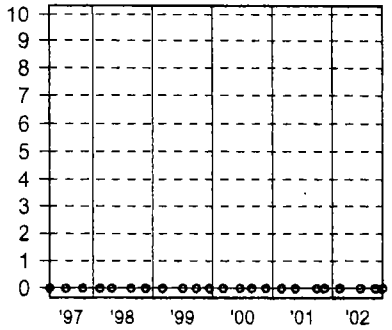
Fort Monmouth

GW Monitoring
Streams

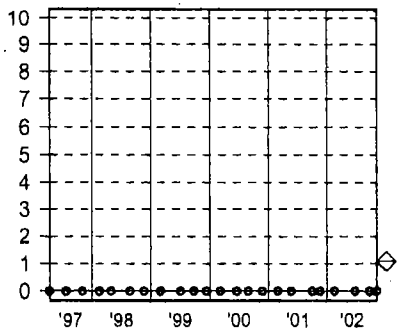
Source 15 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

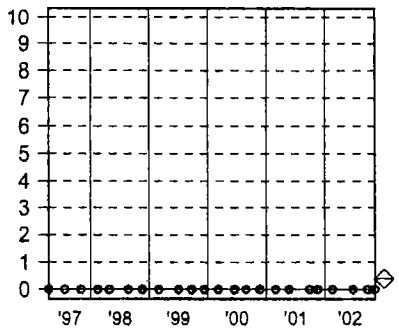
cis-1,2-Dichloroethene
(ug/l)



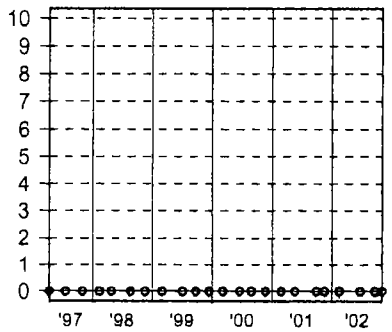
Trichloroethene
(ug/l)



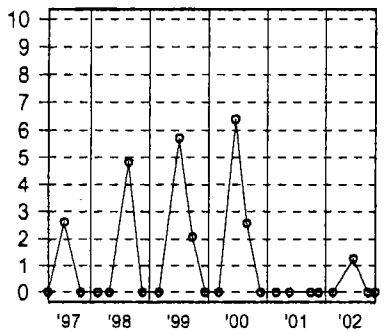
Tetrachloroethene
(ug/l)



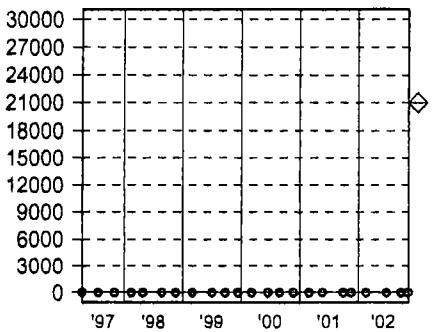
Acetone
(ug/l)



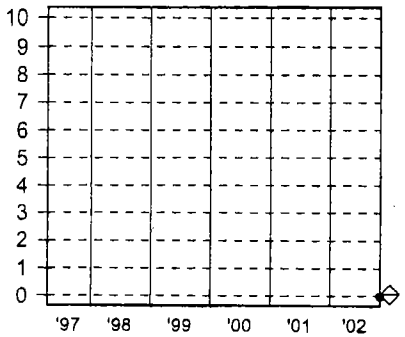
Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



Vinyl Chloride
(ug/l)



SOURCE: 20

Sampling Dates:
04/08/1997 - 11/04/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 15 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

02-12-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l			-
NJDEP Criteria:	-	-	1.09	0.388	-	-	21000	0.083			-
04/08/1997	FMETL	ND	ND	ND	ND	ND	ND				
07/17/1997	FMETL	ND	ND	ND	ND	2.90	ND				
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND				
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND				
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND				
08/19/1998	FMETL	ND	ND	ND	ND	4.71	ND				
11/17/1998	FMETL	ND	ND	ND	ND	ND	ND				
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND				
06/29/1999	FMETL	ND	ND	ND	ND	7.40	ND				
09/21/1999	FMETL	1.17	ND	ND	ND	2.24	ND				
12/09/1999	FMETL	ND	ND	ND	27.52	ND	ND				
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND				
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND				
08/24/2000	FMETL	ND	ND	ND	4.56	2.67	ND				
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND				-
02/21/2001	FMETL	ND	ND	ND	ND	ND	ND				-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND				-
09/11/2001	FMETL	ND	ND	ND	ND	1.76	ND				-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND				-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND				V
06/18/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P

SOURCE: 21

Sampling Dates:
04/08/1997 - 11/04/2002

NOTES:

Page 1 of 1
Sream 21 is Salt-Water.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.
MTBE limit is NLE.

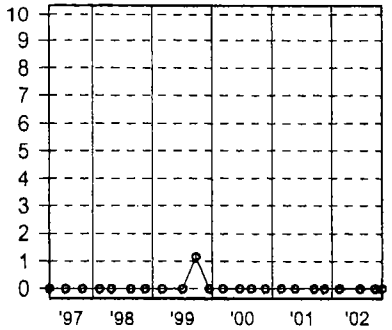
Fort Monmouth

GW Monitoring
Streams

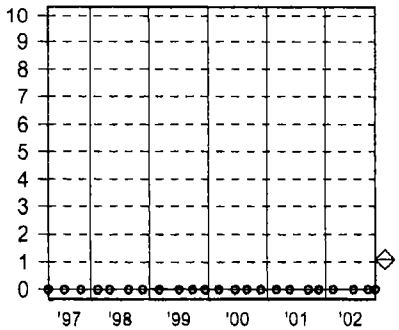
Source 16 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

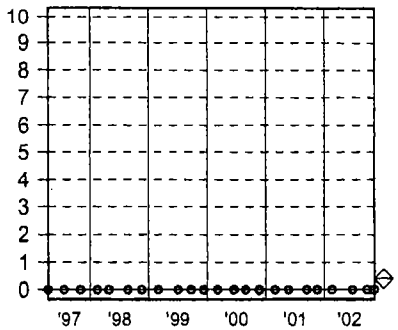
cis-1,2-Dichloroethene
(ug/l)



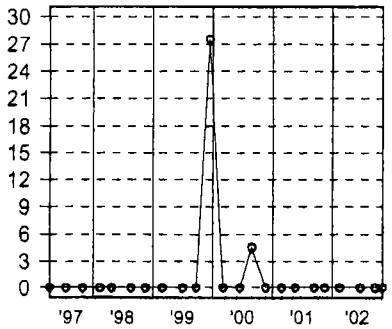
Trichloroethene
(ug/l)



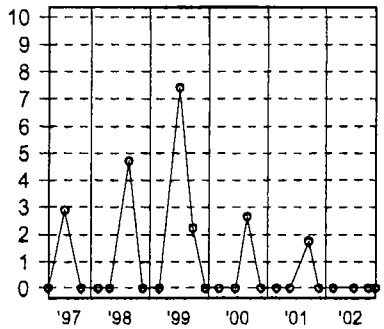
Tetrachloroethene
(ug/l)



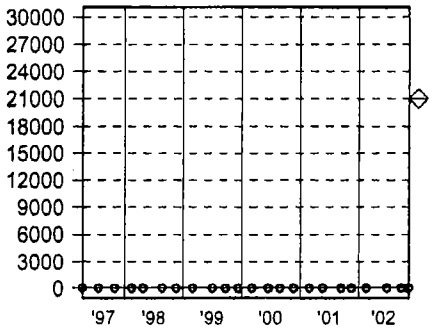
Acetone
(ug/l)



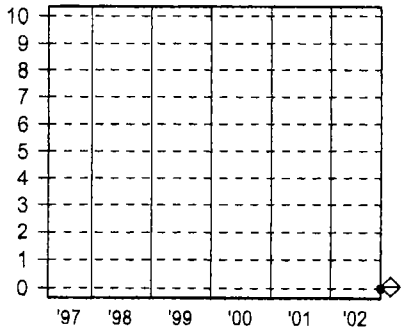
Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



Vinyl Chloride
(ug/l)



SOURCE: 21

Sampling Dates:
04/08/1997 - 11/04/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 16 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

02-12-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l			-
NJDEP Criteria:	-	-	1.09	0.388	-	-	21000	0.083			-
04/08/1997	FMETL	ND	ND	ND	ND	ND	ND				
07/17/1997	FMETL	ND	ND	ND	ND	4.26	ND				
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND				
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND				
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND				
08/19/1998	FMETL	ND	ND	ND	ND	4.50	ND				
11/17/1998	FMETL	ND	ND	ND	ND	ND	ND				
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND				
06/29/1999	FMETL	ND	ND	ND	ND	8.30	ND				
09/21/1999	FMETL	ND	ND	ND	ND	0.82	ND				
12/09/1999	FMETL	ND	ND	ND	32.77	ND	ND				
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND				
06/12/2000	FMETL	ND	ND	ND	ND	10.26	ND				
06/12/2000D	FMETL	ND	ND	ND	ND	10.66	ND				
08/24/2000	FMETL	ND	ND	ND	5.53	ND	ND				
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND				-
02/21/2001	FMETL	ND	ND	ND	ND	ND	ND				-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND				V
09/11/2001	FMETL	ND	ND	ND	ND	3.53	ND				-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND				-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND				V
06/18/2002	FMETL	ND	ND	ND	ND	2.12	ND				V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P

SOURCE: 22

Sampling Dates:
04/08/1997 - 11/04/2002

NOTES:

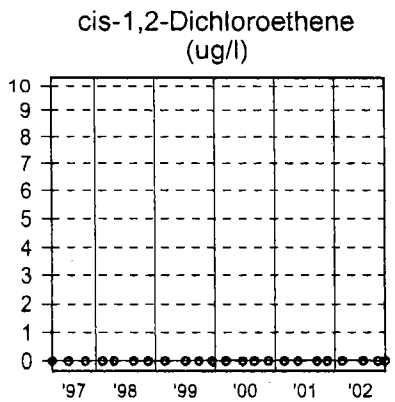
Page 1 of 1
Stream 22 is Salt-Water.
Acetone limit is NLE.
MTBE limit is NLE.

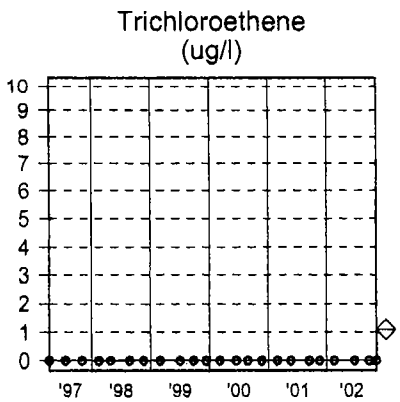
Fort Monmouth

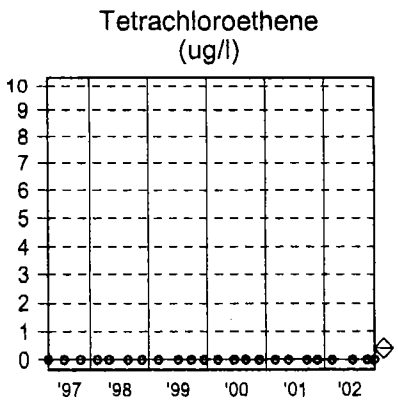
GW Monitoring
Streams

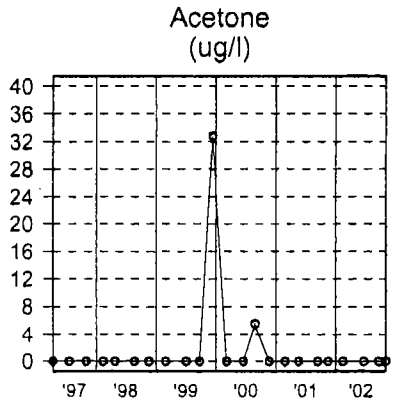
Source 17 of 23

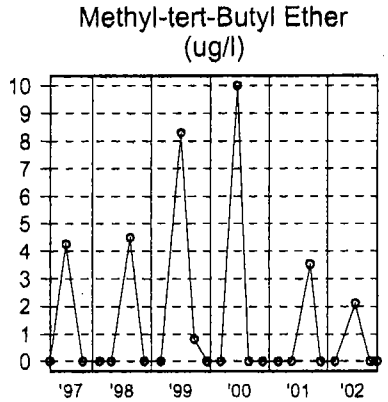
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

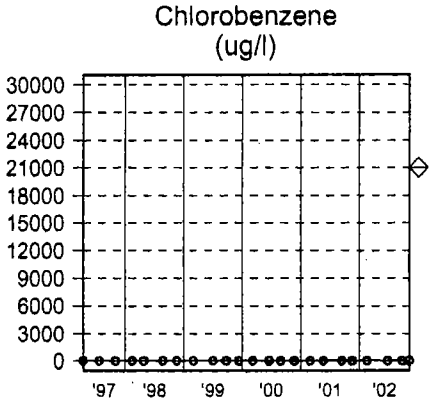


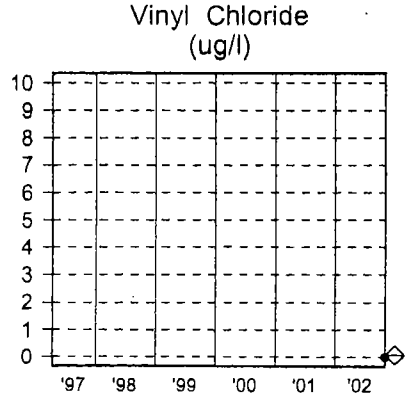












SOURCE: 22

Sampling Dates:
04/08/1997 - 11/04/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 17 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

02-12-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l			-
NJDEP Criteria:	-	-	1.09	0.388	-	-	21000	0.083			-
06/12/2000	FMETL	ND	ND	5.60	ND	ND	ND				
08/24/2000	FMETL	2.24	1.82	5.18	ND	ND	ND				
11/20/2000	FMETL	ND	ND	6.29	ND	ND	ND				-
03/08/2001	FMETL	ND	ND	4.78	ND	ND	ND				-
05/16/2001	FMETL	1.73	ND	6.41	ND	ND	ND				-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND				-
11/14/2001	FMETL	3.23	ND	3.64	ND	ND	ND				-
02/11/2002	FMETL	ND	ND	2.85	ND	ND	ND				V
06/18/2002	FMETL	1.58	ND	2.88	ND	ND	ND				V,P
09/18/2002	FMETL	2.49	ND	ND	ND	ND	ND				V,P
11/05/2002	FMETL	ND	ND	1.44	ND	ND	ND	ND			V,P

SOURCE: 23

Sampling Dates:
06/12/2000 - 11/05/2002

NOTES:

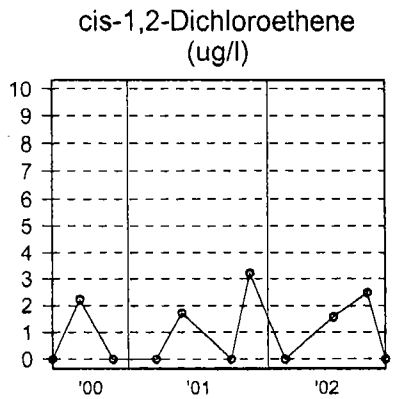
Page 1 of 1
Stream 23 is Fresh-Water

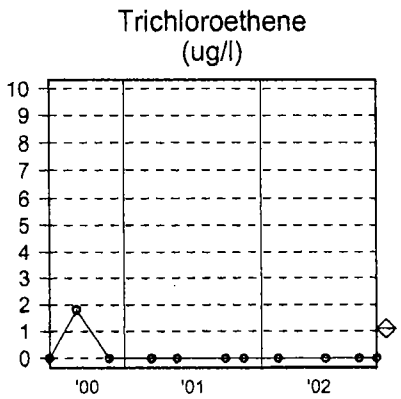
Fort Monmouth

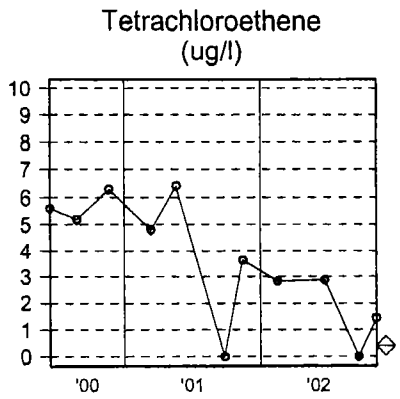
GW Monitoring
Streams

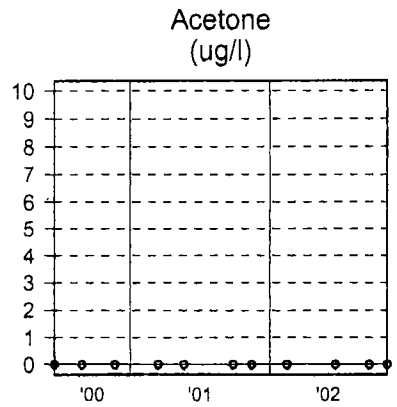
Source 18 of 23

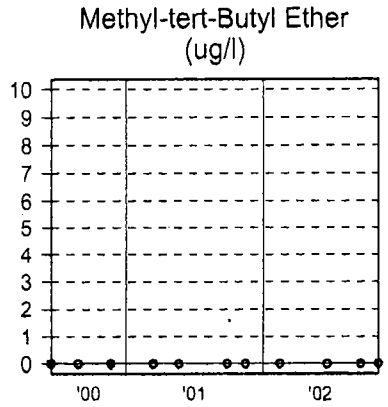
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

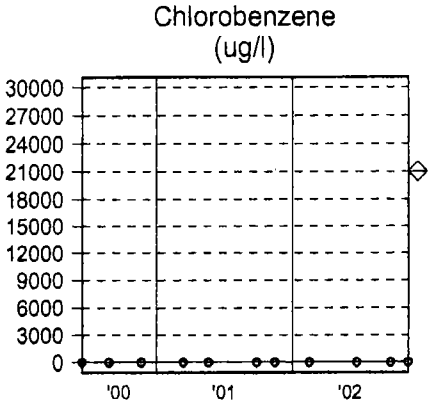


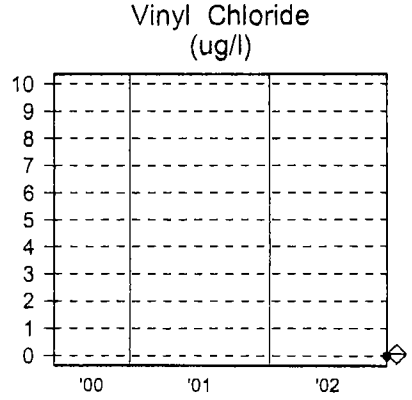












SOURCE: 23

Sampling Dates:
06/12/2000 - 11/05/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 18 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

02-12-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l			-
NJDEP Criteria:	-	-	1.09	0.388	-	-	21000	0.083			-
06/12/2000	FMETL	ND	ND	4.72	ND	ND	ND				
08/24/2000	FMETL	1.54	1.41	4.33	ND	ND	ND				
11/20/2000	FMETL	ND	ND	4.41	ND	ND	ND				-
03/08/2001	FMETL	ND	ND	4.76	ND	ND	ND				-
05/16/2001	FMETL	1.37	ND	5.12	ND	ND	ND				-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND				-
11/14/2001	FMETL	3.11	ND	3.28	ND	ND	ND				-
02/11/2002	FMETL	ND	ND	2.69	ND	ND	ND				V
06/18/2002	FMETL	1.60	ND	2.74	ND	ND	ND				V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P
11/05/2002	FMETL	ND	ND	1.64	ND	ND	ND	ND			V,P

SOURCE: 24

Sampling Dates:
06/12/2000 - 11/05/2002

NOTES:

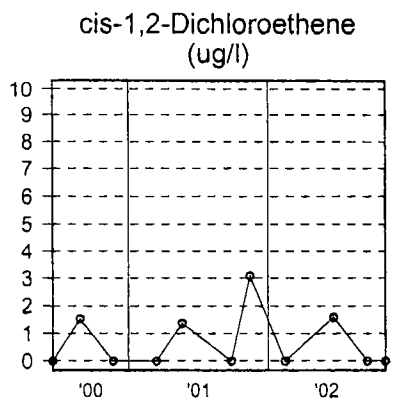
Page 1 of 2
Stream 24 is Fresh-Water

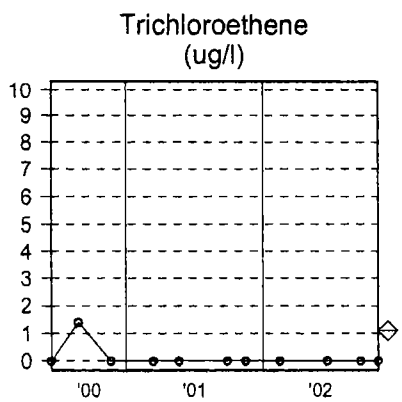
Fort Monmouth

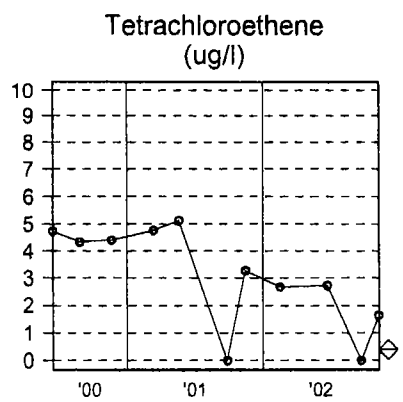
GW Monitoring
Streams

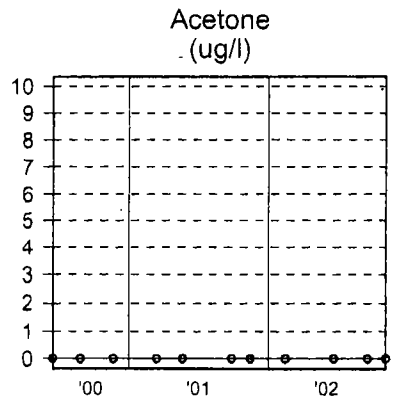
Source 19 of 23

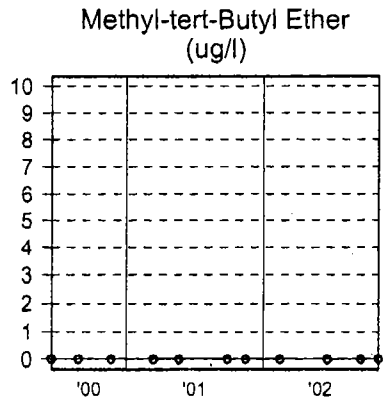
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

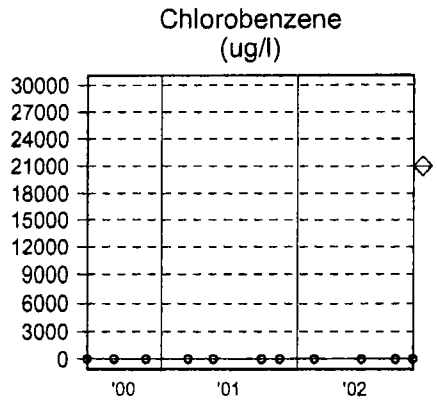


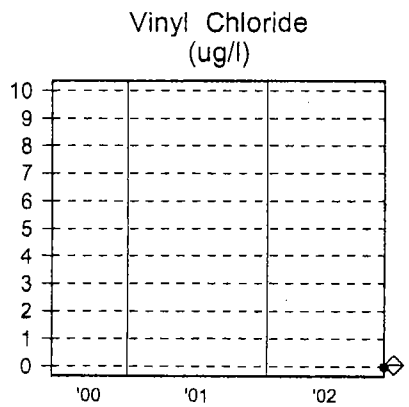












SOURCE: 24

Sampling Dates:
06/12/2000 - 11/05/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 19 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l			-
NJDEP Criteria:	-	-	1.09	0.388	-	-	21000	0.083			-
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND				
08/24/2000	FMETL	ND	ND	ND	ND	ND	ND				
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND				-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND				-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND				-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND				-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND				-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND				V
06/18/2002	FMETL	ND	ND	ND	ND	ND	1.50				V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P

SOURCE: 25

Sampling Dates:
06/12/2000 - 11/04/2002

NOTES:

Page 1 of 1
Stream 25 is Salt-Water.

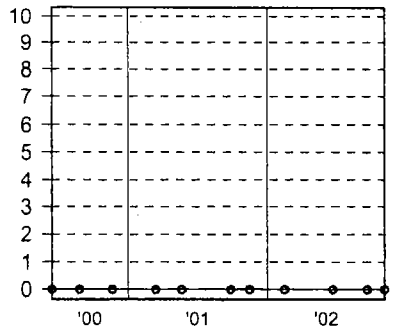
Fort Monmouth

GW Monitoring
Streams

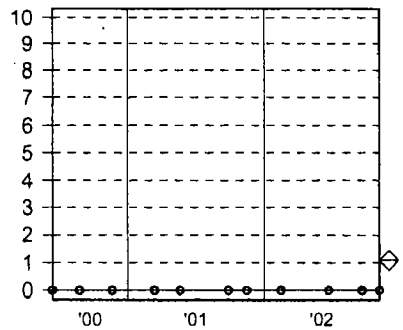
Source 20 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

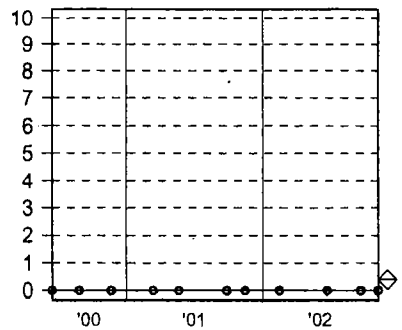
cis-1,2-Dichloroethene
(ug/l)



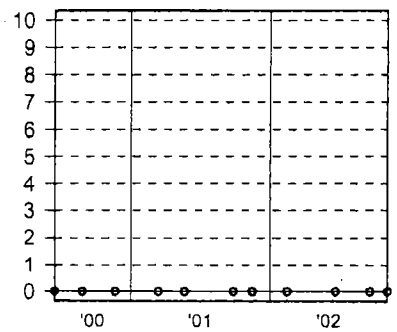
Trichloroethene
(ug/l)



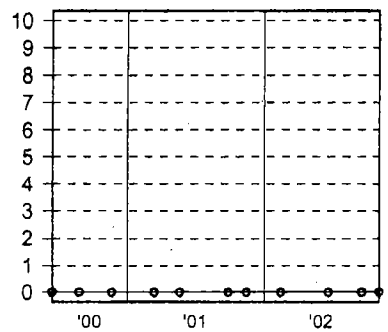
Tetrachloroethene
(ug/l)



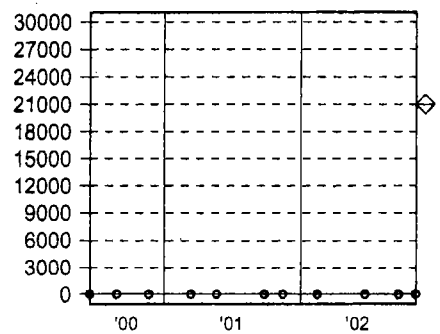
Acetone
(ug/l)



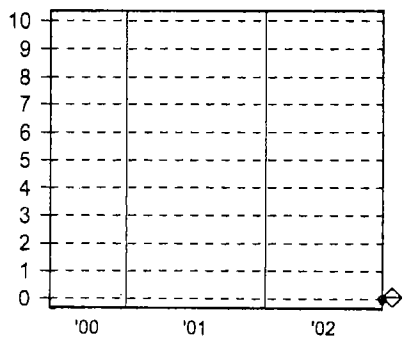
Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



Vinyl Chloride
(ug/l)



SOURCE: 25

Sampling Dates:
06/12/2000 - 11/04/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 20 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

02-12-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l			-
NJDEP Criteria:	-	-	1.09	0.388	-	-	21000	0.083			-
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND				
08/24/2000	FMETL	ND	ND	ND	ND	ND	ND				
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND				-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND				-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND				-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND				-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND				-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND				V
06/18/2002	FMETL	ND	ND	ND	ND	ND	1.47				V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P

SOURCE: 26

Sampling Dates:
06/12/2000 - 11/04/2002

NOTES:

Page 1 of 1
Stream 26 is Fresh-Water

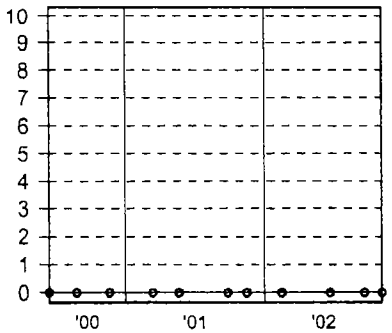
Fort Monmouth

GW Monitoring
Streams

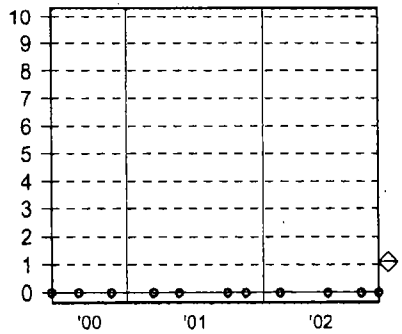
Source 21 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

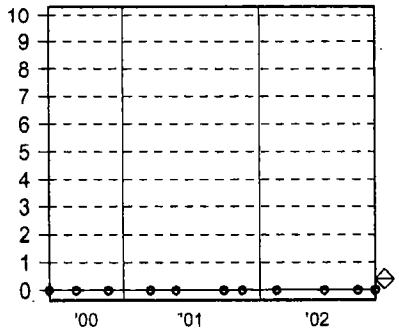
cis-1,2-Dichloroethene
(ug/l)



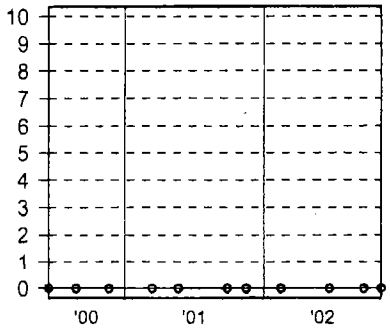
Trichloroethene
(ug/l)



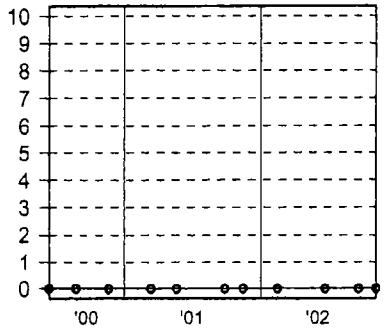
Tetrachloroethene
(ug/l)



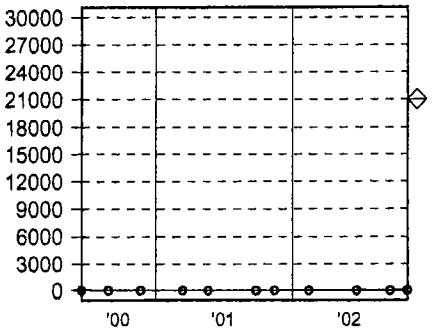
Acetone
(ug/l)



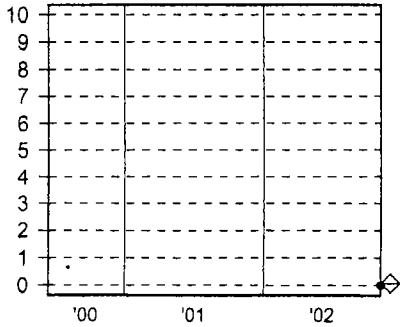
Methyl-tert-Butyl Ether
(ug/l)



Chlorobenzene
(ug/l)



Vinyl Chloride
(ug/l)



SOURCE: 26

Sampling Dates:
06/12/2000 - 11/04/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 21 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l			-
NJDEP Criteria:	-	-	1.09	0.388	-	-	21000	0.083			-
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND				
08/24/2000	FMETL	ND	ND	1.72	ND	ND	ND				
11/20/2000	FMETL	ND	ND	1.87	ND	ND	ND				-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND				-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND				-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND				-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND				-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND				V
06/18/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P

SOURCE: 27

Sampling Dates:
06/12/2000 - 11/04/2002

NOTES:

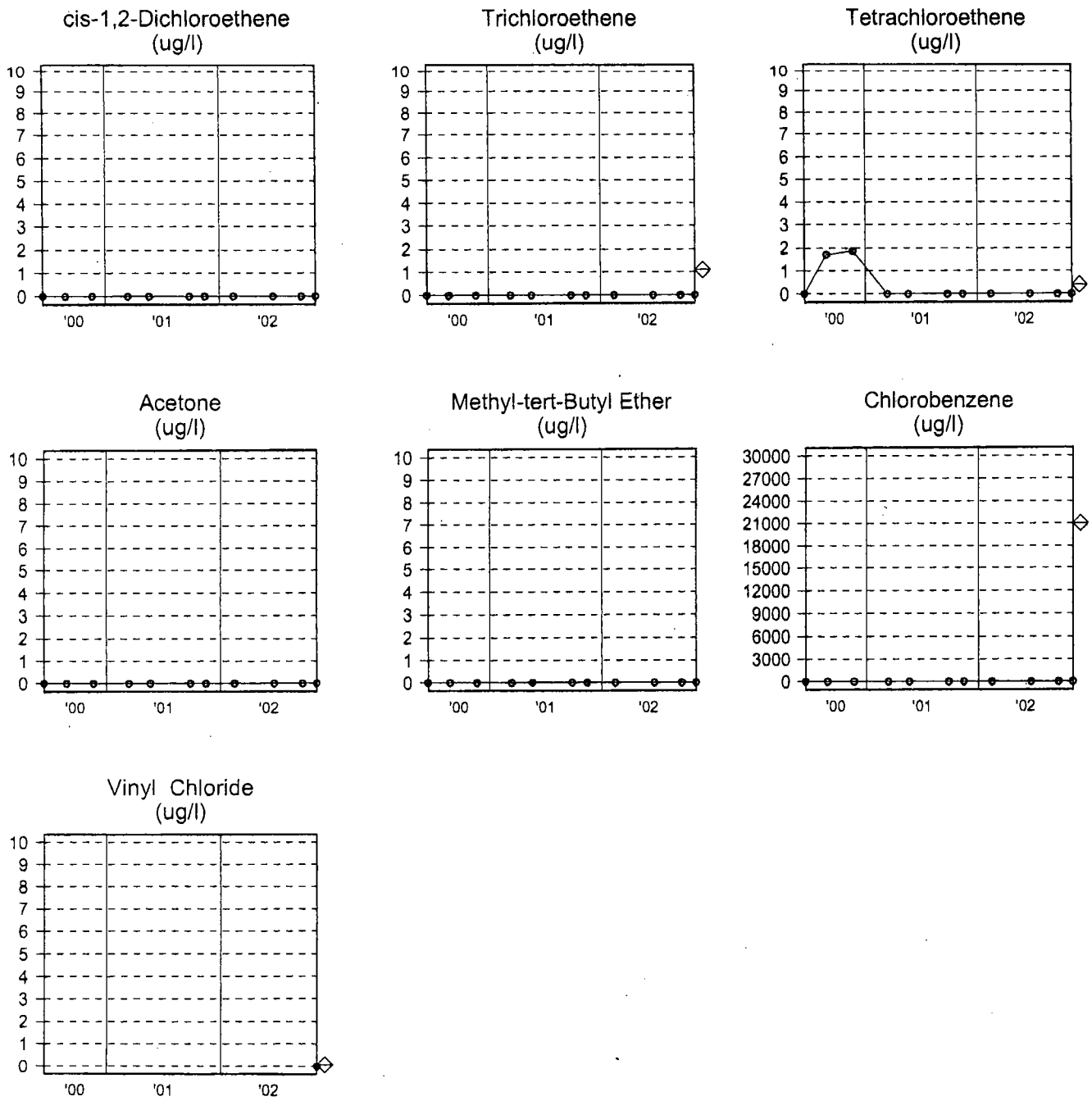
Page 1 of 1
Stream 27 is Salt Water.

Fort Monmouth

GW Monitoring
Streams

Source 22 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 27

Sampling Dates:
06/12/2000 - 11/04/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 22 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

02-12-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l			-
NJDEP Criteria:	-	-	1.09	0.388	-	-	21000	0.083			-
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND				
08/24/2000	FMETL	1.28	1.07	3.67	ND	ND	ND				
11/20/2000	FMETL	ND	ND	3.60	ND	ND	ND				-
03/08/2001	FMETL	ND	ND	2.56	ND	ND	ND				-
05/16/2001	FMETL	ND	ND	2.77	ND	ND	ND				-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND				-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND				-
02/11/2002	FMETL	ND	ND	1.55	ND	ND	ND				V
06/18/2002	FMETL	ND	ND	1.99	ND	ND	ND				V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P

SOURCE: 28

Sampling Dates:
06/12/2000 - 11/04/2002

NOTES:

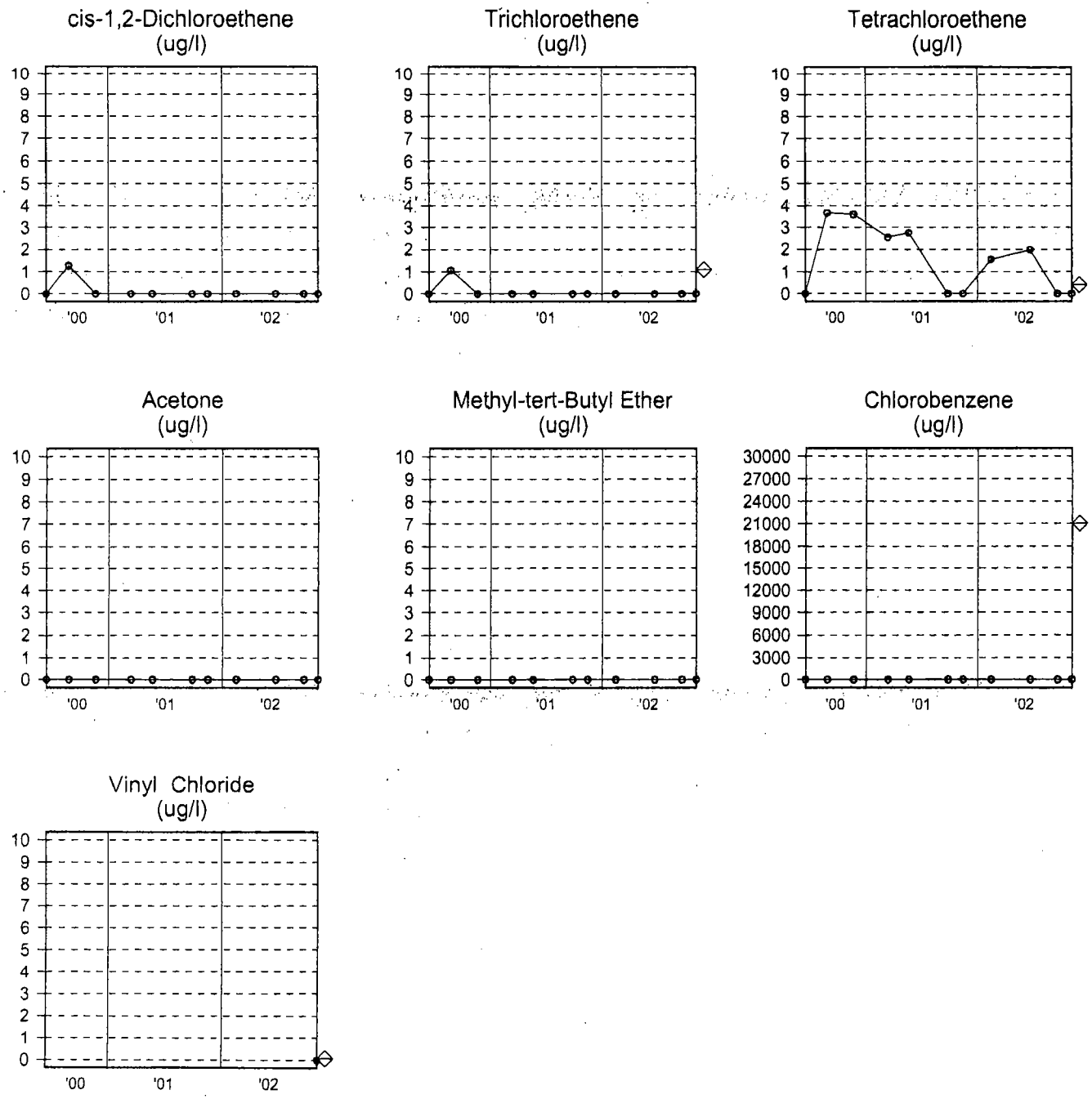
Page 1 of 1
Stream 28 is Salt-Water
cis-1,2-Dichloroethene limit is NLE
TCE limit is 81
PCE limit is 4.29

Fort Monmouth

GW Monitoring
Streams

Source 23 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 28

Sampling Dates:
06/12/2000 - 11/04/2002

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 23 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

02-12-2003 X:\MtechData\Streams\STREAMS.WSF

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-6224 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: 1st QTR/03 Streams

Streams

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Stream Site #22	3011804	Aqueous	13-Mar-03 08:16	03/13/03
Stream Site #21	3011805	Aqueous	13-Mar-03 08:25	03/13/03
Stream Site #20	3011806	Aqueous	13-Mar-03 08:33	03/13/03
Stream Site #09	3011807	Aqueous	13-Mar-03 08:48	03/13/03
Stream Site #19	3011808	Aqueous	13-Mar-03 08:57	03/13/03
Stream Site #12	3011809	Aqueous	13-Mar-03 09:10	03/13/03
Stream Site #18	3011810	Aqueous	13-Mar-03 09:17	03/13/03
Stream Site #11	3011811	Aqueous	13-Mar-03 09:23	03/13/03
Stream Site #24	3011812	Aqueous	13-Mar-03 09:40	03/13/03
Stream Site #16	3011813	Aqueous	13-Mar-03 09:53	03/13/03
Stream Site #27	3011814	Aqueous	13-Mar-03 10:07	03/13/03
Stream Site #07	3011815	Aqueous	13-Mar-03 10:24	03/13/03
Stream Site #28	3011816	Aqueous	13-Mar-03 10:52	03/13/03
Stream Site #04	3011817	Aqueous	13-Mar-03 10:31	03/13/03
Stream Site #05	3011818	Aqueous	13-Mar-03 11:03	03/13/03
Stream Site #15	3013404	Aqueous	24-Mar-03 08:15	03/24/03
Stream Site #23	3013405	Aqueous	24-Mar-03 08:34	03/24/03
Stream Site #25	3013406	Aqueous	24-Mar-03 08:50	03/24/03
Stream Site #17	3013407	Aqueous	24-Mar-03 09:06	03/24/03
Stream Site #26	3013408	Aqueous	24-Mar-03 09:27	03/24/03
Stream Site #03	3013409	Aqueous	24-Mar-03 09:39	03/24/03
Stream Site #14	3013410	Aqueous	24-Mar-03 09:46	03/24/03
Stream Site #13	3013411	Aqueous	24-Mar-03 09:55	03/24/03

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA+15, PCB's, WET CHEMISTRY

5-5-03
Daniel Wright/Date
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil

NJDEP Certification #13461

Chain of Custody Record

Customer: J. FALLON
Phone #: 626223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: Streams
3rd Qtr '03

Samplers Name / Company: Corey McCormick, TIS

Analysis Parameters: VOTIS, NH_3/NO_3, PO_4/SO_4, T. Coli, PCB, pH (su), Temp (°C), Dissolved O_2

Comments: HCl/HNO_3/4°C, H_2SO_4

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOTIS	NH_3/NO_3	PO_4/SO_4	T. Coli	PCB	pH (su)	Temp (°C)	Dissolved O_2	Remarks / Preservation Method	
30118 01	Trip	3/13/03	0759	AQ	2	✓					–	–	–	Salinity	
02	Field Blank		0800		5	✓	✓	✓		✓	–	–	–	d 20/20	‰
03	Dupe		—		6	✓	✓	✓	✓	✓	—	—	—	—	—
04	Stream site #22*		0816		6	✓	✓	✓	✓	✓	7.87	9.71	8.91	1.008	12
05	#21		0827								7.76	8.63	9.71	1.009	13
06	#20		0833								7.79	8.57	9.80	1.009	13
07	#09		0848								5.74	6.41	1.47	1.003	3
08	#19		0857								6.32	5.76	9.28	1.002	2
09	#12		0910								6.12	6.52	19.68	1.001	1
10	#18		0917								6.21	7.18	22.71	1.002	2
11	#11		0923								6.40	8.33	30.62	1.002	2
12	#24 ~~#15~~		0940								6.10	7.14	19.62	1.002	3
13	#16 ~~#23~~		0953								6.18	7.37	21.93	1.002	2
14	#27		1007								6.33	6.90	15.80	1.002	2

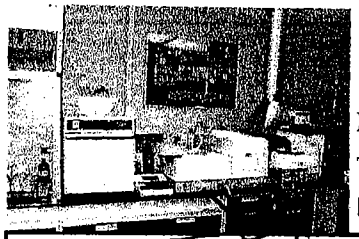
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormick	3/13/03 1400	J. Clayne			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified, (_)EDD
Turnaround time: (X)Standard 3 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks: Tide: H -> outgoing

print legibly

Coc1/10/03



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil

NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: 426223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: Streams
1st Qtr '03

Samplers Name / Company: Corey McCormack, TVS

Analysis Parameters: VOTIS, NH_3/NO_3, Poly/SO_4, T. Coli, PCB, pH (su), Temp (°C), Dsolvd O_2

Comments: HCL/HNO_3/H_2SO_4 <4°C

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOTIS	NH_3/NO_3	Poly/SO_4	T. Coli	PCB	pH (su)	Temp (°C)	Dsolvd O_2	Remarks / Preservation Method	
30118 05	Stream #7	3/13/03	1024	AQ	6	✓	✓	✓	✓	✓	6.30	7.02	19.34	1.002	~~6.30~~ 2
06	#28		1052								6.46	8.30	17.05	1.003	3
07	#4		1031								6.18	7.34	11.06	1.002	2
08	#5		1103								6.44	~~7.34~~ 7.79	~~11.06~~ 9.12	SIC 3/13/03 1.002	2

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
	3-13-03 1430	J. Vellyna			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified, (_)EDD
Turnaround time: (X)Standard 3 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks:

print legibly

Coc1/10/03

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil

NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: X26223
( )DERA ( )OMA ( )Other:

Project No:
Location: Streams
1st Qrtr 03 Pt II

Samplers Name / Company: Corey McCormack, TVS

Analysis Parameters: VOTIS, NH_3/NO_3, PO_4/SO_4, PCB, T. Coli, pH (su), Temp (°C), Dsolvd O_2

Comments: HCL/HNO_3/H_2SO_4 <4°C

LIMS/Work Order #		Sample Location	Date	Time	Sample Type	# bottles	VOTIS	NH_3/NO_3	PO_4/SO_4	PCB	T. Coli	pH (su)	Temp (°C)	Dsolvd O_2	Remarks / Preservation Method	
30134	01	Trip	3/24/03	0730	AQ	2	✓					—	—	—	Salinity	
	02	Field Blank		0735		5	✓	✓	✓	✓		—	—	—	—	—
	03	Dupe		—		6	✓	✓	✓	✓	✓	—	—	—	d 20/20	% 0
	04	Stream site #15		0815		6	✓	✓	✓	✓	✓	5.66	10.48	3.71	1.002	2
	05	#23		0834			✓	✓	✓	✓	✓	6.08	10.57	3.63	1.002	3
	06	#25		0850			✓	✓	✓	✓	✓	6.16	11.00	7.91	1.002	3
	07	#17		0906			✓	✓	✓	✓	✓	6.42	9.05	2.93	1.002	2
	08	#26		0927			✓	✓	✓	✓	✓	6.75	9.45	5.44	1.000	0
	09	#03		0939			✓	✓	✓	✓	✓	6.75	9.45	5.44	1.000	0
	10	#14		0948			✓	✓	✓	✓	✓	6.63	8.37	2.89	1.002	2
	11	#13		0955			✓	✓	✓	✓	✓	6.65	10.77	3.44	1.002	2

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	3/24/03 1115	J. Allegra			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified, (_)EDD
Turnaround time: (X)Standard 3 wks, (_)Rush ___ Days, (_)ASAP Verbal ___ Hrs.

Remarks: Tide: High -> outgoing

print legibly

Coc1/10/02

VOLATILE ORGANICS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

MDL	:	Method Detection Limit
J	:	Compound identified below detection limit
B	:	Compound found in blank
D	:	Results are from a dilution of the sample
U	:	Compound searched for but not detected
E	:	Compound exceeds calibration limit
PQL	:	Practical Quantitation Limit
NLE	:	No limit established
RT	:	Retention time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB013378.D**	Sample Name	**MB 02Apr03**
Operator	**Skelton**	Field ID	**MB 02Apr03**
Date Acquired	**2 Apr 2003 4:41 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB013378.D	Sample Name	MB 02Apr03
Operator	Skelton	Field ID	MB 02Apr03
Date Acquired	2 Apr 2003 4:41 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.70	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9B-1.14 18-May-98

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\CUSTRPT\VOLATILE\FRESHWATER03.CRT

4/17/2003 2:36 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

MB 02Apr03

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 30134 Location: 1stQtr' SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB 02Apr03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013378.D

Level: (low/med) LOW Date Received: 3/24/2003

% Moisture: not dec. Date Analyzed: 4/2/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB013233.D	Sample Name	MB 19Mar03
Operator	Skelton	Field ID	MB 19Mar03
Date Acquired	19 Mar 2003 12:39 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.70	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9B-1.14 18-May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FRESHWATER03.CRT

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB013233.D**	Sample Name	**MB 19Mar03**
Operator	**Skelton**	Field ID	**MB 19Mar03**
Date Acquired	**19 Mar 2003 12:39 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

MB 19Mar03

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 30118 Location: 1stQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB 19Mar03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013233.D

Level: (low/med) LOW Date Received: 3/13/2003

% Moisture: not dec. Date Analyzed: 3/19/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB013238.D	Sample Name	3011801
Operator	Skelton	Field ID	Trip Blank
Date Acquired	19 Mar 2003 4:03 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.70	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.60	272328	3.22 ug/L	5.67	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9B-1.14 18-May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FRESHWATER03.CRT

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB013238.D**	Sample Name	**3011801**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**19 Mar 2003 4:03 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.60	272328	3.22 ug/L	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Trip Blank

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 30118 Location: 1stQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3011801

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013238.D

Level: (low/med) LOW Date Received: 3/13/2003

% Moisture: not dec. Date Analyzed: 3/19/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB013383.D**	Sample Name	**3013401**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**2 Apr 2003 8:02 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.61	170098	3.35 ug/L	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB013383.D**	Sample Name	**3013401**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**2 Apr 2003 8:02 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.70	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.61	170098	3.35 ug/L	5.67	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9B-1.14 18-May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Trip Blank

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 30134 Location: 1stQtr' SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013401

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013383.D

Level: (low/med) LOW Date Received: 3/24/2003

% Moisture: not dec. Date Analyzed: 4/2/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB013239.D**	Sample Name	**3011802**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**19 Mar 2003 4:43 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.70	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride	11.06	215113	4.91 ug/L	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.59	347091	4.11 ug/L	5.67	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9B-1.14 18-May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB013239.D**	Sample Name	**3011802**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**19 Mar 2003 4:43 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride	11.06	215113	4.91 ug/L	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.59	347091	4.11 ug/L	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 30118 Location: 1stQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3011802

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013239.D

Level: (low/med) LOW Date Received: 3/13/2003

% Moisture: not dec. Date Analyzed: 3/19/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB013384.D	Sample Name	3013402
Operator	Skelton	Field ID	Field Blank
Date Acquired	2 Apr 2003 8:42 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.60	175431	3.38 ug/L	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB013384.D**	Sample Name	**3013402**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**2 Apr 2003 8:42 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.70	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.60	175431	3.38 ug/L	5.67	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9B-1.14 18-May-98

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 30134 Location: 1stQtr' SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013402

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013384.D

Level: (low/med) LOW Date Received: 3/24/2003

% Moisture: not dec. Date Analyzed: 4/2/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB013240.D**	Sample Name	**3011803**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**19 Mar 2003 5:23 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.70	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone	9.34	44865	2.42 ug/L	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.58	87445	1.52 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9B-1.14 18-May-98

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB013240.D**	Sample Name	**3011803**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**19 Mar 2003 5:23 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone	9.34	44865	2.42 ug/L	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.58	87445	1.52 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

4/17/2003 3:24 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Dupe

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 30118 Location: 1stQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3011803

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013240.D

Level: (low/med) LOW Date Received: 3/13/2003

% Moisture: not dec. Date Analyzed: 3/19/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB013385.D**	Sample Name	**3013403**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**2 Apr 2003 9:23 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB013385.D**	Sample Name	**3013403**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**2 Apr 2003 9:23 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.70	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9B-1.14 18-May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Dupe

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 30134 Location: 1stQtr' SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013403

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013385.D

Level: (low/med) LOW Date Received: 3/24/2003

% Moisture: not dec. Date Analyzed: 4/2/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB013391.D**	Sample Name	**3013409**
Operator	**Skelton**	Field ID	**StreamSite#03**
Date Acquired	**3 Apr 2003 1:23 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.70	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9B-1.14 18-May-98

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\CUSTRPT\VOLATILE\FRESHWATER03.CRT

4/17/2003 2:37 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#03

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 30134 Location: 1stQtr' SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013409

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013391.D

Level: (low/med) LOW Date Received: 3/24/2003

% Moisture: not dec. Date Analyzed: 4/3/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB013254.D	Sample Name	3011817
Operator	Skelton	Field ID	StreamSite#04
Date Acquired	20 Mar 2003 2:42 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.57	26299	0.57 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.82	18660	0.51 ug/L	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	24.46	85634	2.33 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

4/17/2003 3:25 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#04

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 30118 Location: 1stQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3011817

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013254.D

Level: (low/med) LOW Date Received: 3/13/2003

% Moisture: not dec. Date Analyzed: 3/20/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB013255.D**	Sample Name	**3011818**
Operator	**Skelton**	Field ID	**StreamSite#05**
Date Acquired	**20 Mar 2003 3:21 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.57	36932	0.81 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.83	25426	0.71 ug/L	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	24.46	113759	3.08 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#05

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 30118 Location: 1stQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3011818

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013255.D

Level: (low/med) LOW Date Received: 3/13/2003

% Moisture: not dec. Date Analyzed: 3/20/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB013252.D**	Sample Name	**3011815**
Operator	**Skelton**	Field ID	**StreamSite#07**
Date Acquired	**20 Mar 2003 1:22 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	24.46	61445	1.61 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

4/17/2003 3:25 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#07

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 30118 Location: 1stQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3011815

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013252.D

Level: (low/med) LOW Date Received: 3/13/2003

% Moisture: not dec. Date Analyzed: 3/20/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB013244.D**	Sample Name	**3011807**
Operator	**Skelton**	Field ID	**StreamSite#09**
Date Acquired	**19 Mar 2003 8:03 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.57	489889	9.40 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#09

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 30118 Location: 1stQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3011807

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013244.D

Level: (low/med) LOW Date Received: 3/13/2003

% Moisture: not dec. _____ Date Analyzed: 3/19/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB013248.D**	Sample Name	**3011811**
Operator	**Skelton**	Field ID	**StreamSite#11**
Date Acquired	**19 Mar 2003 10:43 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.04	65247	0.79 ug/L	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.70	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride	4.81	146976	3.37 ug/L	0.08	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.57	1239705	24.28 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.81	26355	0.67 ug/L	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9B-1.14 18-May-98

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#11

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 30118 Location: 1stQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3011811

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013248.D

Level: (low/med) LOW Date Received: 3/13/2003

% Moisture: not dec. Date Analyzed: 3/19/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB013246.D	Sample Name	3011809
Operator	Skelton	Field ID	StreamSite#12
Date Acquired	19 Mar 2003 9:23 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.02	96643	1.18 ug/L	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.70	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride	4.82	56058	1.30 ug/L	0.08	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.56	477646	9.43 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9B-1.14 18-May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#12

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 30118 Location: 1stQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3011809

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013246.D

Level: (low/med) LOW Date Received: 3/13/2003

% Moisture: not dec. Date Analyzed: 3/19/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB013393.D**	Sample Name	**3013411**
Operator	**Skelton**	Field ID	**StreamSite#13**
Date Acquired	**3 Apr 2003 2:44 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.70	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9B-1.14 18-May-98

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#13

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 30134 Location: 1stQtr' SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013411

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013393.D

Level: (low/med) LOW Date Received: 3/24/2003

% Moisture: not dec. Date Analyzed: 4/3/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB013392.D**	Sample Name	**3013410**
Operator	**Skelton**	Field ID	**StreamSite#14**
Date Acquired	**3 Apr 2003 2:03 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.70	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9B-1.14 18-May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#14

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 30134 Location: 1stQtr' SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013410

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013392.D

Level: (low/med) LOW Date Received: 3/24/2003

% Moisture: not dec. Date Analyzed: 4/3/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB013386.D	Sample Name	3013404
Operator	Skelton	Field ID	StreamSite#15
Date Acquired	2 Apr 2003 10:03 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.70	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.56	51178	1.44 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.83	31491	1.11 ug/L	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	24.46	119363	3.96 ug/L	0.39	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9B-1.14 18-May-98

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\CUSTRPT\VOLATILE\FRESHWATER03.CRT

4/17/2003 2:37 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#15

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 30134 Location: 1stQtr' SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013404

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013386.D

Level: (low/med) LOW Date Received: 3/24/2003

% Moisture: not dec. Date Analyzed: 4/2/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB013250.D**	Sample Name	**3011813**
Operator	**Skelton**	Field ID	**StreamSite#16**
Date Acquired	**20 Mar 2003 12:03 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.56	43662	0.90 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.83	28352	0.74 ug/L	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	24.46	125930	3.21 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#16

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 30118 Location: 1stQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3011813

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013250.D

Level: (low/med) LOW Date Received: 3/13/2003

% Moisture: not dec. Date Analyzed: 3/20/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB013389.D**	Sample Name	**3013407**
Operator	**Skelton**	Field ID	**StreamSite#17**
Date Acquired	**3 Apr 2003 12:03 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#17

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 30134 Location: 1stQtr' SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013407

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013389.D

Level: (low/med) LOW Date Received: 3/24/2003

% Moisture: not dec. Date Analyzed: 4/3/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB013247.D	Sample Name	3011810
Operator	Skelton	Field ID	StreamSite#18
Date Acquired	19 Mar 2003 10:03 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.04	56208	0.67 ug/L	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.70	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride	4.81	102888	2.33 ug/L	0.08	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.57	915527	17.75 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.82	20702	0.52 ug/L	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	0.27	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9B-1.14 18-May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#18

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 30118 Location: 1stQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3011810

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013247.D

Level: (low/med) LOW Date Received: 3/13/2003

% Moisture: not dec. Date Analyzed: 3/19/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB013245.D**	Sample Name	**3011808**
Operator	**Skelton**	Field ID	**StreamSite#19**
Date Acquired	**19 Mar 2003 8:44 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride	4.80	71594	1.61 ug/L	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.57	699827	13.43 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.82	18362	0.44 ug/L	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#19

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 30118 Location: 1stQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3011808

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013245.D

Level: (low/med) LOW Date Received: 3/13/2003

% Moisture: not dec. Date Analyzed: 3/19/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB013243.D**	Sample Name	**3011806**
Operator	**Skelton**	Field ID	**StreamSite#20**
Date Acquired	**19 Mar 2003 7:24 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	24.46	26204	0.64 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

4/17/2003 3:24 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#20

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 30118 Location: 1stQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3011806

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013243.D

Level: (low/med) LOW Date Received: 3/13/2003

% Moisture: not dec. Date Analyzed: 3/19/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB013242.D**	Sample Name	**3011805**
Operator	**Skelton**	Field ID	**StreamSite#21**
Date Acquired	**19 Mar 2003 6:43 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	24.47	25875	0.63 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#21

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 30118 Location: 1stQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3011805

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013242.D

Level: (low/med) LOW Date Received: 3/13/2003

% Moisture: not dec. Date Analyzed: 3/19/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB013241.D**	Sample Name	**3011804**
Operator	**Skelton**	Field ID	**StreamSite#22**
Date Acquired	**19 Mar 2003 6:03 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.57	81874	1.57 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

4/17/2003 3:24 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#22

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 30118 Location: 1stQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3011804

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013241.D

Level: (low/med) LOW Date Received: 3/13/2003

% Moisture: not dec. Date Analyzed: 3/19/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB013387.D**	Sample Name	**3013405**
Operator	**Skelton**	Field ID	**StreamSite#23**
Date Acquired	**2 Apr 2003 10:43 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.57	49814	1.41 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.84	30070	1.05 ug/L	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	24.46	121665	4.01 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

4/17/2003 2:36 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#23

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 30134 Location: 1stQtr' SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013405

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013387.D

Level: (low/med) LOW Date Received: 3/24/2003

% Moisture: not dec. Date Analyzed: 4/2/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB013249.D**	Sample Name	**3011812**
Operator	**Skelton**	Field ID	**StreamSite#24**
Date Acquired	**19 Mar 2003 11:23 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.56	48174	0.99 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.82	31677	0.83 ug/L	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	24.46	137763	3.50 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#24

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 30118 Location: 1stQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3011812

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013249.D

Level: (low/med) LOW Date Received: 3/13/2003

% Moisture: not dec. Date Analyzed: 3/19/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB013388.D	Sample Name	3013406
Operator	Skelton	Field ID	StreamSite#25
Date Acquired	2 Apr 2003 11:23 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	24.46	63938	2.22 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

4/17/2003 2:36 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#25

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 30134 Location: 1stQtr' SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013406

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013388.D

Level: (low/med) LOW Date Received: 3/24/2003

% Moisture: not dec. Date Analyzed: 4/2/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB013390.D**	Sample Name	**3013408**
Operator	**Skelton**	Field ID	**StreamSite#26**
Date Acquired	**3 Apr 2003 12:43 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

4/17/2003 2:36 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#26

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 30134 Location: 1stQtr' SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3013408

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013390.D

Level: (low/med) LOW Date Received: 3/24/2003

% Moisture: not dec. Date Analyzed: 4/3/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB013251.D**	Sample Name	**3011814**
Operator	**Skelton**	Field ID	**StreamSite#27**
Date Acquired	**20 Mar 2003 12:42 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	24.45	66771	1.71 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

4/17/2003 3:25 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#27

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 30118 Location: 1stQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3011814

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013251.D

Level: (low/med) LOW Date Received: 3/13/2003

% Moisture: not dec. Date Analyzed: 3/20/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB013253.D**	Sample Name	**3011816**
Operator	**Skelton**	Field ID	**StreamSite#28**
Date Acquired	**20 Mar 2003 2:02 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.57	33949	0.73 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.82	22276	0.60 ug/L	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
124-48-1	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	24.46	103491	2.78 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

4/17/2003 3:25 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

StreamSite#28

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 30118 Location: 1stQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3011816

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB013253.D

Level: (low/med) LOW Date Received: 3/13/2003

% Moisture: not dec. Date Analyzed: 3/20/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

PCBs

TABULATED ANALYTICAL REPORT
POLYCHLORINATED BIPHENYLS
EPA METHOD 8082

mb 031903

MATRIX: Aqueous
Date Extracted: 3/19/03
Ext. Batch: 031903
Filename: PCB10967.D
Date Analyzed: 3/27/03

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (mg/L)	MDL (mg/L)
12674-11-2	Aroclor 1016	ND	0.0112
11104-28-2	Aroclor 1221	ND	0.0206
12672-29-6	Aroclor 1248	ND	0.0140
53469-21-9	Aroclor 1242	ND	0.0160
11141-16-5	Aroclor 1232	ND	0.0064
11097-69-1	Aroclor 1254	ND	0.0040
11096-82-5	Aroclor 1260	ND	0.0036

MDL - Method Detection Limit
ND = Not detected at or above MDL

Initial Vol..(ml)) 1000
Final Vol.(ml) 10

COMMENTS:

TABULATED ANALYTICAL REPORT
POLYCHLORINATED BIPHENYLS
EPA METHOD 8082

mb 032003

MATRIX: Aqueous
Date Extracted: 3/20/03
Ext. Batch: 032003
Filename: PCB10985.D
Date Analyzed: 3/28/03

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (mg/L)	MDL (mg/L)
12674-11-2	Aroclor 1016	ND	0.0112
11104-28-2	Aroclor 1221	ND	0.0206
12672-29-6	Aroclor 1248	ND	0.0140
53469-21-9	Aroclor 1242	ND	0.0160
11141-16-5	Aroclor 1232	ND	0.0064
11097-69-1	Aroclor 1254	ND	0.0040
11096-82-5	Aroclor 1260	ND	0.0036

MDL - Method Detection Limit
ND = Not detected at or above MDL

Initial Vol..(ml)) 1000
Final Vol.(ml) 10

COMMENTS:

TABULATED ANALYTICAL REPORT
POLYCHLORINATED BIPHENYLS
EPA METHOD 8082

mb 032803

MATRIX: Aqueous
Date Extracted: 3/28/03
Ext. Batch: 032803
Filename: PCB11012.D
Date Analyzed: 3/31/03

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (mg/L)	MDL (mg/L)
12674-11-2	Aroclor 1016	ND	0.0112
11104-28-2	Aroclor 1221	ND	0.0206
12672-29-6	Aroclor 1248	ND	0.0140
53469-21-9	Aroclor 1242	ND	0.0160
11141-16-5	Aroclor 1232	ND	0.0064
11097-69-1	Aroclor 1254	ND	0.0040
11096-82-5	Aroclor 1260	ND	0.0036

MDL - Method Detection Limit
ND = Not detected at or above MDL

Initial Vol..(ml)) 1000
Final Vol.(ml) 10

COMMENTS:

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 1st Qrtr.**	**Date Extracted:**	**3/19/03**
Client ID:	**Field Blank**	**Ext. Batch:**	**031903**
Lab ID:	**3011802**	**Date Analyzed:**	**3/27/03**
Filename:	**PCB10969.D**	**DILUTION:**	**1**
Lab Project No:	**30118**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0683
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0666
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0648
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0485
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0544
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0608
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0732

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client: U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.
Location: Streams 1st. Qrtr.
Client ID: Field Blank
Lab ID: 3013402
Filename: PCB11014.D
Lab Project No: 30134

MATRIX: Aqueous
Date Extracted: 3/28/03
Ext. Batch: 032803
Date Analyzed: 3/31/03
DILUTION: 1
QC Batch: 32803
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0683
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.0666
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0648
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.0485
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0544
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0608
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0732

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 1st Qrtr.**	**Date Extracted:**	**3/19/03**
Client ID:	**Dupe**	**Ext. Batch:**	**031903**
Lab ID:	**3011803**	**Date Analyzed:**	**3/27/03**
Filename:	**PCB10970.D**	**DILUTION:**	**1**
Lab Project No:	**30118**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0683
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0666
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0648
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0485
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0544
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0608
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0732

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) **1000.00**
Final Vol.(ml) **10.00**

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 1st. Qrtr.**	**Date Extracted:**	**3/28/03**
Client ID:	**Dupe**	**Ext. Batch:**	**032803**
Lab ID:	**3013403**	**Date Analyzed:**	**3/31/03**
Filename:	**PCB11015.D**	**DILUTION:**	**1**
Lab Project No:	**30134**	**QC Batch:**	**32803**
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0683
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0666
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0648
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0485
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0544
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0608
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0732

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) **1000.00**
Final Vol.(ml) **10.00**

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 1st. Qrtr.**	**Date Extracted:**	**3/28/03**
Client ID:	**Stream Site # 03**	**Ext. Batch:**	**032803**
Lab ID:	**3013409**	**Date Analyzed:**	**3/31/03**
Filename:	**PCB11021.D**	**DILUTION:**	**1**
Lab Project No:	**30134**	**QC Batch:**	**32803**
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0683
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0666
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0648
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0485
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0544
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0608
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0732

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.	**MATRIX:**	Aqueous
Location:	Streams 1st Qrtr. '	**Date Extracted:**	3/20/03
Client ID:	Stream Site # 4	**Ext. Batch:**	032003
Lab ID:	3011817	**Date Analyzed:**	3/28/03
Filename:	PCB10989.D	**DILUTION:**	1
Lab Project No:	30118		
		Analyst:	A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0683
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.0666
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0648
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.0485
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0544
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0608
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0732

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client: U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.
Location: Streams 1st Qrtr. '
Client ID: Stream Site # 5
Lab ID: 3011818
Filename: PCB10990.D
Lab Project No: 30118

MATRIX: Aqueous
Date Extracted: 3/20/03
Ext. Batch: 032003
Date Analyzed: 3/28/03
DILUTION: 1

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0683
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.0666
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0648
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.0485
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0544
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0608
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0732

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 1st Qrtr. '**	**Date Extracted:**	**3/20/03**
Client ID:	**Stream Site # 7**	**Ext. Batch:**	**032003**
Lab ID:	**3011815**	**Date Analyzed:**	**3/28/03**
Filename:	**PCB10987.D**	**DILUTION:**	**1**
Lab Project No:	**30118**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0683
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0666
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0648
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0485
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0544
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0608
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0732

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) **1000.00**
Final Vol.(ml) **10.00**

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 1st Qrtr.**	**Date Extracted:**	**3/19/03**
Client ID:	**Stream Site # 11**	**Ext. Batch:**	**031903**
Lab ID:	**3011811**	**Date Analyzed:**	**3/27/03**
Filename:	**PCB10978.D**	**DILUTION:**	**1**
Lab Project No:	**30118**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0683
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0666
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0648
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0485
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0544
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0608
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0732

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 1st Qrtr.**	**Date Extracted:**	**3/19/03**
Client ID:	**Stream Site # 12**	**Ext. Batch:**	**031903**
Lab ID:	**3011809**	**Date Analyzed:**	**3/27/03**
Filename:	**PCB10976.D**	**DILUTION:**	**1**
Lab Project No:	**30118**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0683
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0666
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0648
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0485
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0544
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0608
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0732

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 1st. Qrtr.**	**Date Extracted:**	**3/28/03**
Client ID:	**Stream Site # 13**	**Ext. Batch:**	**032803**
Lab ID:	**3013411**	**Date Analyzed:**	**3/31/03**
Filename:	**PCB11023.D**	**DILUTION:**	**1**
Lab Project No:	**30134**	**QC Batch:**	**32803**
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0683
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0666
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0648
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0485
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0544
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0608
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0732

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 1st. Qrtr.**	**Date Extracted:**	**3/28/03**
Client ID:	**Stream Site # 14**	**Ext. Batch:**	**032803**
Lab ID:	**3013410**	**Date Analyzed:**	**3/31/03**
Filename:	**PCB11022.D**	**DILUTION:**	**1**
Lab Project No:	**30134**	**QC Batch:**	**32803**
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0683
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0666
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0648
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0485
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0544
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0608
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0732

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) **1000.00**
Final Vol.(ml) **10.00**

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 1st. Qrtr.**	**Date Extracted:**	**3/28/03**
Client ID:	**Stream Site 15**	**Ext. Batch:**	**032803**
Lab ID:	**3013404**	**Date Analyzed:**	**3/31/03**
Filename:	**PCB11016.D**	**DILUTION:**	**1**
Lab Project No:	**30134**	**QC Batch:**	**32803**
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0683
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0666
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0648
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0485
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0544
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0608
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0732

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) **1000.00**
Final Vol.(ml) **10.00**

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 1st Qrtr. '**	**Date Extracted:**	**3/19/03**
Client ID:	**Stream Site # 16**	**Ext. Batch:**	**031903**
Lab ID:	**3011813**	**Date Analyzed:**	**3/27/03**
Filename:	**PCB10980.D**	**DILUTION:**	**1**
Lab Project No:	**30118**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0683
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0666
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0648
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0485
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0544
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0608
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0732

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) **1000.00**
Final Vol.(ml) **10.00**

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.	MATRIX:	Aqueous
Location:	Streams 1st. Qrtr.	Date Extracted:	3/28/03
Client ID:	Stream Site # 17	Ext. Batch:	032803
Lab ID:	3013407	Date Analyzed:	3/31/03
Filename:	PCB11019.D	DILUTION:	1
Lab Project No:	30134	QC Batch:	32803
		Analyst:	A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0683
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.0666
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0648
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.0485
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0544
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0608
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0732

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol.(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.	MATRIX:	Aqueous
Location:	Streams 1st Qrtr. '	Date Extracted:	3/19/03
Client ID:	Stream Site # 18	Ext. Batch:	031903
Lab ID:	3011810	Date Analyzed:	3/27/03
Filename:	PCB10977.D	DILUTION:	1
Lab Project No:	30118		
		Analyst:	A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0683
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.0666
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0648
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.0485
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0544
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0608
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0732

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 1st Qrtr.**	**Date Extracted:**	**3/19/03**
Client ID:	**Stream Site # 19**	**Ext. Batch:**	**031903**
Lab ID:	**3011808**	**Date Analyzed:**	**3/27/03**
Filename:	**PCB10975.D**	**DILUTION:**	**1**
Lab Project No:	**30118**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0683
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0666
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0648
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0485
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0544
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0608
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0732

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 1st Qrtr. '**	**Date Extracted:**	**3/19/03**
Client ID:	**Stream Site # 20**	**Ext. Batch:**	**031903**
Lab ID:	**3011806**	**Date Analyzed:**	**3/27/03**
Filename:	**PCB10973.D**	**DILUTION:**	**1**
Lab Project No:	**30118**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0683
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0666
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0648
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0485
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0544
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0608
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0732

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) **1000.00**
Final Vol.(ml) **10.00**

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 1st Qrtr. '**	**Date Extracted:**	**3/19/03**
Client ID:	**Stream Site # 21**	**Ext. Batch:**	**031903**
Lab ID:	**3011805**	**Date Analyzed:**	**3/27/03**
Filename:	**PCB10972.D**	**DILUTION:**	**1**
Lab Project No:	**30118**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0683
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0666
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0648
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0485
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0544
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0608
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0732

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) **1000.00**
Final Vol.(ml) **10.00**

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 1st Qrtr. '**	**Date Extracted:**	**3/19/03**
Client ID:	**Stream Site # 22**	**Ext. Batch:**	**031903**
Lab ID:	**3011804**	**Date Analyzed:**	**3/27/03**
Filename:	**PCB10971.D**	**DILUTION:**	**1**
Lab Project No:	**30118**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0683
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0666
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0648
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0485
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0544
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0608
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0732

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) **1000.00**
Final Vol.(ml) **10.00**

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 1st. Qrtr.**	**Date Extracted:**	**3/28/03**
Client ID:	**Stream Site # 23**	**Ext. Batch:**	**032803**
Lab ID:	**3013405**	**Date Analyzed:**	**3/31/03**
Filename:	**PCB11017.D**	**DILUTION:**	**1**
Lab Project No:	**30134**	**QC Batch:**	**32803**
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0683
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0666
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0648
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0485
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0544
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0608
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0732

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) **1000.00**
Final Vol.(ml) **10.00**

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 1st Qrtr. '**	**Date Extracted:**	**3/19/03**
Client ID:	**Stream Site # 24**	**Ext. Batch:**	**031903**
Lab ID:	**3011812**	**Date Analyzed:**	**3/27/03**
Filename:	**PCB10979.D**	**DILUTION:**	**1**
Lab Project No:	**30118**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0683
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0666
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0648
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0485
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0544
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0608
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0732

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) **1000.00**
Final Vol.(ml) **10.00**

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 1st. Qrtr.**	**Date Extracted:**	**3/28/03**
Client ID:	**Stream Site # 25**	**Ext. Batch:**	**032803**
Lab ID:	**3013406**	**Date Analyzed:**	**3/31/03**
Filename:	**PCB11018.D**	**DILUTION:**	**1**
Lab Project No:	**30134**	**QC Batch:**	**32803**
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit* (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0683
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0666
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0648
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0485
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0544
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0608
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0732

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 1st. Qrtr.**	**Date Extracted:**	**3/28/03**
Client ID:	**Stream Site # 26**	**Ext. Batch:**	**032803**
Lab ID:	**3013408**	**Date Analyzed:**	**3/31/03**
Filename:	**PCB11020.D**	**DILUTION:**	**1**
Lab Project No:	**30134**	**QC Batch:**	**32803**
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0683
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0666
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0648
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0485
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0544
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0608
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0732

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) **1000.00**
Final Vol.(ml) **10.00**

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 1st Qrtr. '**	**Date Extracted:**	**3/19/03**
Client ID:	**Stream Site # 27**	**Ext. Batch:**	**031903**
Lab ID:	**3011814**	**Date Analyzed:**	**3/27/03**
Filename:	**PCB10981.D**	**DILUTION:**	**1**
Lab Project No:	**30118**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0683
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0666
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0648
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0485
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0544
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0608
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0732

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) **1000.00**
Final Vol.(ml) **10.00**

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 1st Qrtr. '**	**Date Extracted:**	**3/20/03**
Client ID:	**Stream Site # 28**	**Ext. Batch:**	**032003**
Lab ID:	**3011816**	**Date Analyzed:**	**3/28/03**
Filename:	**PCB10988.D**	**DILUTION:**	**1**
Lab Project No:	**30118**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0683
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0666
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0648
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0485
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0544
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0608
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0732

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) **1000.00**
Final Vol.(ml) **10.00**

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 1st Qrtr. '**	**Date Extracted:**	**3/19/03**
Client ID:	**Stream Site # 29**	**Ext. Batch:**	**031903**
Lab ID:	**3011807**	**Date Analyzed:**	**3/27/03**
Filename:	**PCB10974.D**	**DILUTION:**	**1**
Lab Project No:	**30118**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0683
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0666
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0648
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0485
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0544
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0608
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0732

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) **1000.00**
Final Vol.(ml) **10.00**

WET CHEMISTRY

Stream Water Analysis
1st Quarter 2003

Sample ID	Date Sampled	Stream Site#	pH	Ammonia (mg/L)	Nitrates (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	DO (mg/L)	T.Coliform (cfu/100ml)	F.Coliform (cfu/100ml)	% Salinity
3011804	03/13/03	22	7.87	ND	0.35	0.06	807	8.91	40	20	12
3011805	03/13/03	21	7.76	0.280	0.82	0.13	228	9.71	420	20	13
3011806	03/13/03	20	7.79	0.283	0.60	0.14	238	9.80	220	60	13
3011807	03/13/03	09	5.74	0.198	2.04	0.14	50.0	1.47	180	20	3
3011808	03/13/03	19	6.32	0.133	2.23	0.14	18.2	8.28	160	60	2
3011809	03/13/03	12	6.12	ND	2.59	0.10	23.2	19.68	140	20	1
3011810	03/13/03	18	6.21	0.107	2.40	0.08	19.4	22.71	200	60	2
3011811	03/13/03	11	6.40	ND	2.61	0.13	18.1	30.62	160	60	2
3011812	03/13/03	24	6.10	0.583	1.20	0.12	27.1	19.62	240	20	3
3011813	03/13/03	16	6.18	0.441	1.17	0.15	27.5	21.93	340	0	2
3011814	03/13/03	27	6.33	0.303	1.24	0.11	26.7	15.87	260	20	2
3011815	03/13/03	07	6.30	0.267	1.26	0.12	25.9	19.34	160	0	2
3011816	03/13/03	28	6.46	0.428	1.20	0.10	30.1	17.05	240	0	3
3011817	03/13/03	04	6.18	0.350	1.44	0.16	33.6	11.06	200	0	2
3011818	03/13/03	05	6.44	0.383	1.21	0.10	26.9	9.12	320	40	2
3013404	03/24/03	15	5.66	ND	ND	0.11	401	3.71	960	140	2
3013405	03/24/03	23	6.08	ND	1.67	0.11	28.7	3.63	1160	40	3
3013406	03/24/03	25	6.16	ND	1.80	0.14	39.5	7.91	920	40	3
3013407	03/24/03	17	6.42	ND	0.90	0.15	25.7	2.93	700	60	2
3013408	03/24/03	26	6.75	ND	0.90	0.10	26.3	5.44	520	40	0
3013409	03/24/03	03	6.75	ND	0.96	0.10	24.4	5.44	300	20	0
3013410	03/24/03	14	6.63	ND	1.12	0.16	25.3	2.89	220	40	2
3013411	03/24/03	13	6.65	ND	1.35	0.16	28.9	3.44	700	0	2

mg/L = Parts Per Million
cfu = Colony Forming Units
ND = Not detected
TNTC = Too Numerous to Count

Completed: 04/21/03
Reviewed: 04/21/03

Daniel K. Wright
Laboratory Director

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
07/17/1997	FMETL	ND	ND	ND	ND						
10/30/1997	FMETL	ND	ND	ND	ND						
02/10/1998	FMETL	ND	ND	ND	ND						
04/21/1998	FMETL	ND	ND	ND	ND						
08/19/1998	FMETL	ND	ND	ND	ND						
11/18/1998	FMETL	ND	ND	1.09	ND						
02/25/1999	FMETL	ND	ND	ND	ND						
06/29/1999	FMETL	ND	ND	ND	ND						
09/22/1999	FMETL	ND	ND	ND	ND						
12/09/1999	FMETL	ND	ND	ND	ND						
03/01/2000	FMETL	ND	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	ND	ND	ND	ND						
11/20/2000	FMETL	ND	ND	ND	ND						
03/08/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/05/2002	FMETL	ND	ND	ND	ND						V,P
03/24/2003	FMETL	ND	ND	ND	ND	ND					V,P

SOURCE: 3

Sampling Dates:
07/17/1997 - 03/24/2003

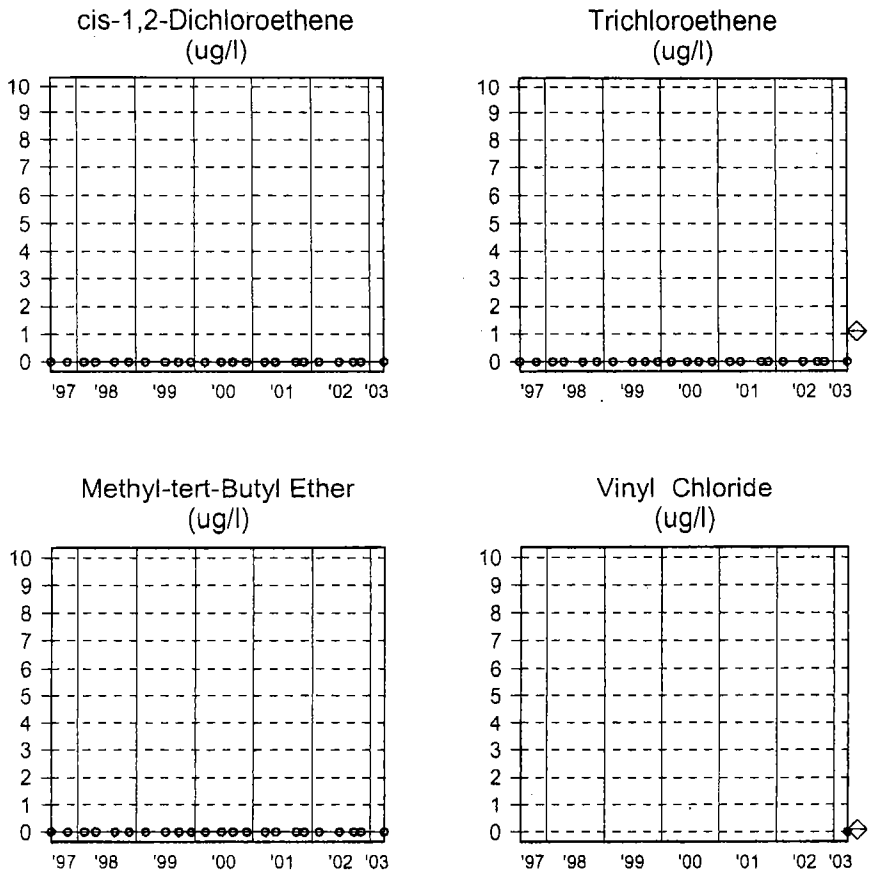
NOTES:

Stream 3 is Fresh-Water.
MeCl limit is 2.49 ug/L.
PCE limit is 0.388 ug/L.

Fort Monmouth

GW Monitoring
Streams

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 3

Sampling Dates:
07/17/1997 - 03/24/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 1 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-02-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	2.18	ND	ND	ND						
07/17/1997	FMETL	1.63	ND	1.61	ND						
10/30/1997	FMETL	ND	ND	1.24	ND						
02/10/1998	FMETL	ND	ND	6.61	ND						
04/21/1998	FMETL	ND	ND	4.42	ND						
08/19/1998	FMETL	1.92	1.10	2.85	ND						
11/17/1998	FMETL	1.19	ND	1.62	ND						
02/25/1999	FMETL	ND	ND	5.61	ND						
06/29/1999	FMETL	2.41	1.56	5.27	ND						
09/22/1999	FMETL	2.02	ND	1.85	ND						
12/09/1999	FMETL	ND	ND	ND	ND						
03/01/2000	FMETL	1.23	1.26	6.18	2.18						
06/12/2000	FMETL	ND	ND	4.37	ND						
08/24/2000	FMETL	1.19	1.19	3.19	ND						
11/20/2000	FMETL	ND	ND	3.70	ND						-
03/08/2001	FMETL	ND	ND	2.52	ND						-
05/16/2001	FMETL	ND	ND	2.95	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	1.64	ND						V
06/18/2002	FMETL	ND	ND	1.97	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND						V,P
03/13/2003	FMETL	0.57	0.51	2.33	ND	ND					V,P

SOURCE: 4

Sampling Dates:
04/08/1997 - 03/13/2003

NOTES:

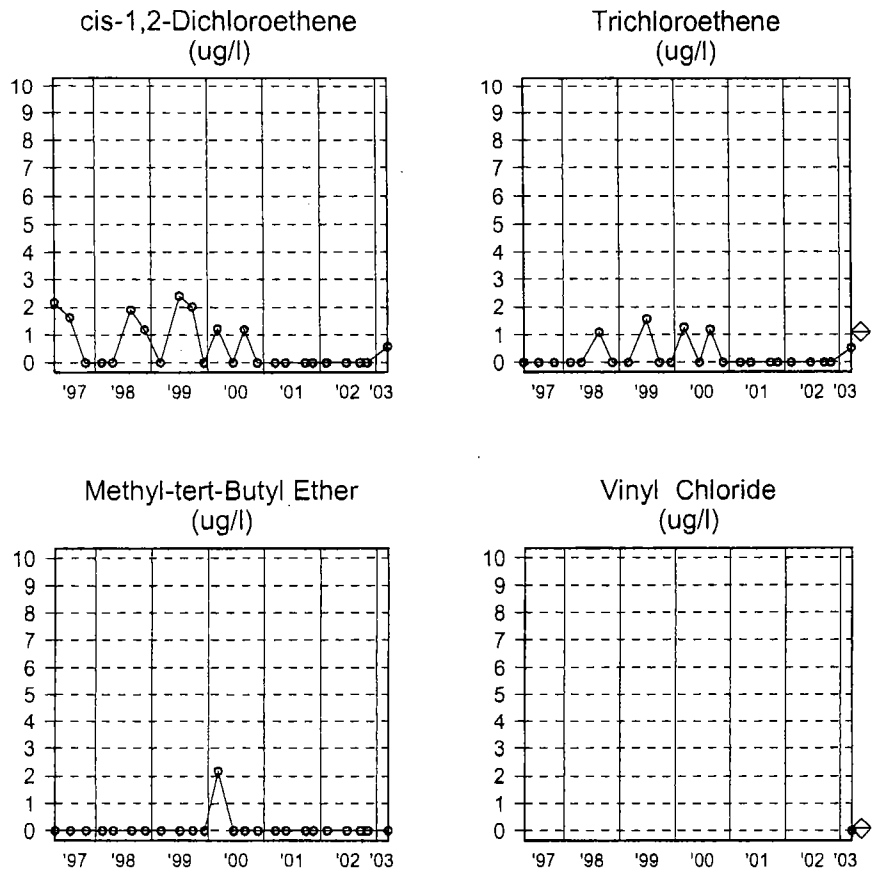
PAGE 1 OF 1
Stream 4 is Salt-Water.
MTBE limit is NLE
cis-1,2-Di limit is NLE
TCE limit is 81
PCE limit is 4.29

Fort Monmouth

GW Monitoring
Streams

Source 2 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 4

Sampling Dates:
04/08/1997 - 03/13/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 2 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	1.80	ND	2.28	ND						
07/17/1997	FMETL	3.66	ND	3.54	ND						
10/30/1997	FMETL	1.83	ND	1.70	ND						
02/10/1998	FMETL	ND	ND	6.34	ND						
04/21/1998	FMETL	ND	ND	4.48	ND						
08/19/1998	FMETL	2.28	1.27	3.39	ND						
11/17/1998	FMETL	1.67	ND	2.17	ND						
02/25/1999	FMETL	ND	ND	5.45	ND						
06/29/1999	FMETL	2.74	1.74	6.04	ND						
09/22/1999	FMETL	1.96	ND	1.82	ND						
12/09/1999	FMETL	1.60	ND	3.82	ND						
03/01/2000	FMETL	1.27	1.36	6.62	2.34						
06/12/2000	FMETL	ND	ND	4.38	ND						
08/24/2000	FMETL	1.19	ND	3.44	ND						
11/20/2000	FMETL	ND	ND	3.58	ND						-
03/08/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	0.97	ND	4.09	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	1.51	ND	1.99	ND						-
02/11/2002	FMETL	ND	ND	2.44	ND						V
06/18/2002	FMETL	ND	ND	2.39	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND						V,P
03/13/2003	FMETL	0.81	0.71	3.08	ND	ND					V,P

SOURCE: 5

Sampling Dates:
04/08/1997 - 03/13/2003

NOTES:

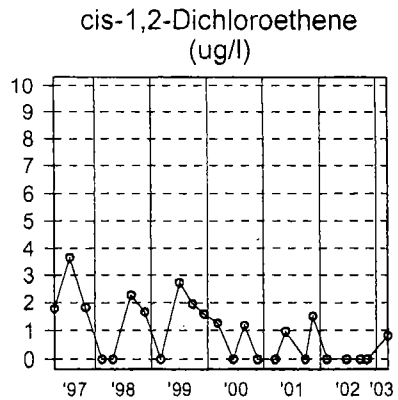
Page 1 of 1
Stream 5 is Salt-Water.
MeCl limit is 1600 ug/L.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.

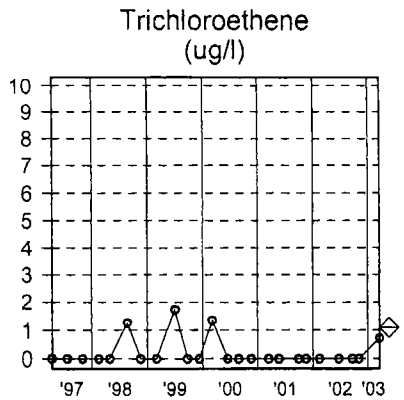
Fort Monmouth

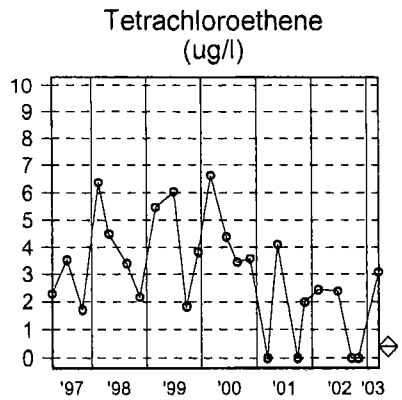
GW Monitoring
Streams

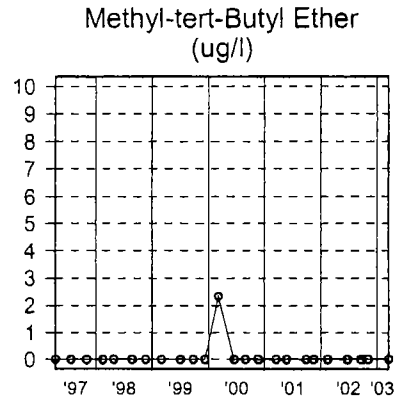
Source 3 of 23

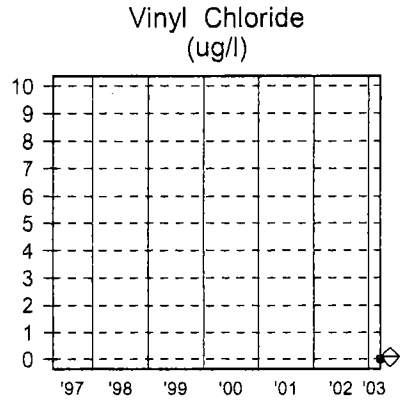
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 5

Sampling Dates:
04/08/1997 - 03/13/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 3 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	ND	ND	ND	ND						
07/17/1997	FMETL	1.14	ND	1.08	ND						
10/30/1997	FMETL	ND	ND	ND	ND						
02/10/1998	FMETL	ND	ND	2.04	ND						
04/21/1998	FMETL	ND	ND	2.40	ND						
08/19/1998	FMETL	ND	ND	ND	ND						
11/17/1998	FMETL	ND	ND	ND	ND						
02/25/1999	FMETL	ND	ND	2.85	ND						
06/29/1999	FMETL	ND	ND	1.42	2.00						
09/22/1999	FMETL	ND	ND	ND	ND						
12/09/1999	FMETL	ND	ND	ND	ND						
03/01/2000	FMETL	1.19	1.30	6.47	2.14						
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	ND	ND	1.77	ND						
11/20/2000	FMETL	ND	ND	1.94	ND						-
03/08/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND						V,P
03/13/2003	FMETL	ND	ND	1.61	ND	ND					V,P

SOURCE: 7

Sampling Dates:
04/08/1997 - 03/13/2003

NOTES:

Page 1 of 1
Stream 7 is Salt-Water.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.
Acetone limit is NLE.

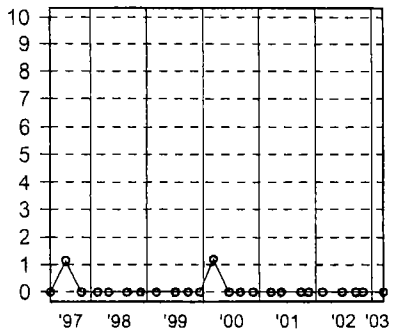
Fort Monmouth

GW Monitoring
Streams

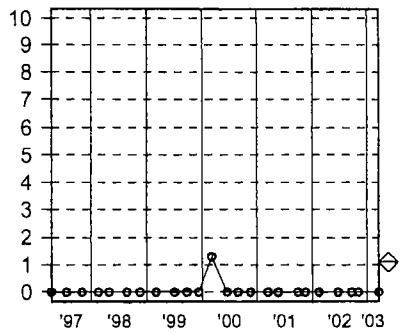
Source 4 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

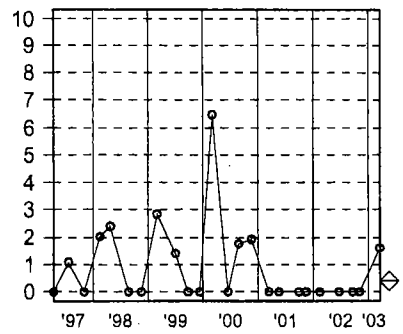
cis-1,2-Dichloroethene
(ug/l)



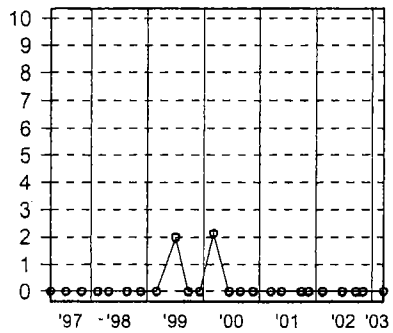
Trichloroethene
(ug/l)



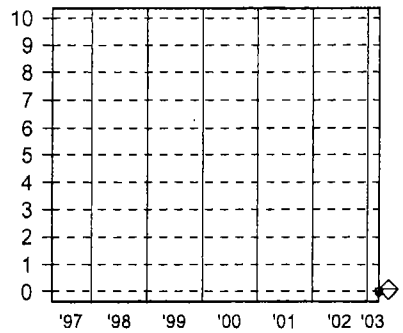
Tetrachloroethene
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Vinyl Chloride
(ug/l)



SOURCE: 7

Sampling Dates:
04/08/1997 - 03/13/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 4 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	2.78	ND	ND	ND						
07/17/1997	FMETL	ND	ND	ND	ND						
10/30/1997	FMETL	2.14	ND	ND	ND						
02/10/1998	FMETL	6.00	ND	ND	ND						
04/21/1998	FMETL	4.73	ND	ND	ND						
08/19/1998	FMETL	1.69	ND	ND	ND						
11/17/1998	FMETL	ND	ND	ND	ND						
02/25/1999	FMETL	1.78	ND	ND	ND						
06/29/1999	FMETL	ND	ND	ND	ND						
09/21/1999	FMETL	1.91	ND	ND	ND						
12/09/1999	FMETL	ND	ND	ND	ND						
03/01/2000	FMETL	2.17	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	1.11	ND	ND	ND						
11/20/2000	FMETL	ND	ND	ND	ND						-
11/20/2000D	FMETL	ND	ND	ND	ND						-
02/21/2001	FMETL	1.72	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/11/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	1.24	ND	ND	ND						V,P
03/13/2003	FMETL	9.40	ND	ND	ND	ND					V,P

SOURCE: 9

Sampling Dates:
04/08/1997 - 03/13/2003

NOTES:

PAGE 1 OF 1
Stream 9 is Salt-Water.
MeCl limit is 1600 ug/L.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.

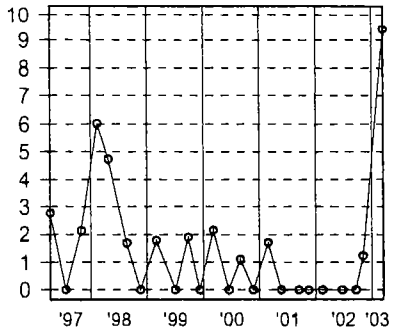
Fort Monmouth

GW Monitoring
Streams

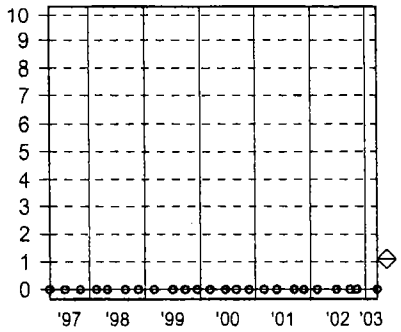
Source 5 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

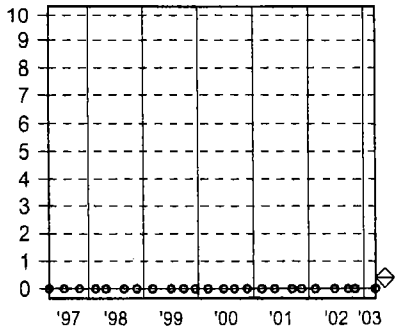
cis-1,2-Dichloroethene
(ug/l)



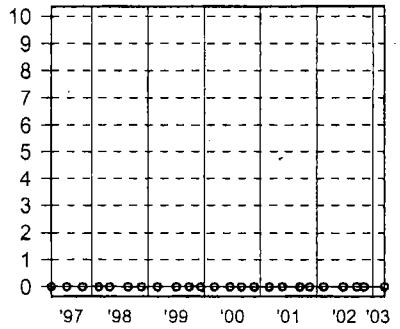
Trichloroethene
(ug/l)



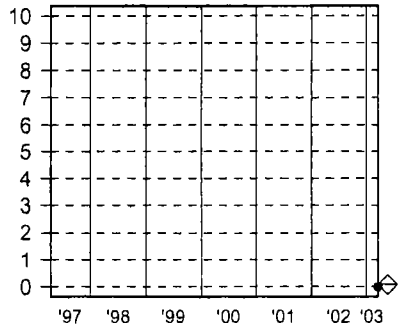
Tetrachloroethene
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Vinyl Chloride
(ug/l)



SOURCE: 9

Sampling Dates:
04/08/1997 - 03/13/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 5 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	18.72	1.58	ND	ND						
07/17/1997	FMETL	14.13	ND	ND	ND						
10/30/1997	FMETL	18.23	ND	ND	ND						
02/10/1998	FMETL	24.71	2.14	ND	ND						
04/21/1998	FMETL	21.66	1.82	ND	ND						
08/19/1998	FMETL	11.73	ND	ND	ND						
11/18/1998	FMETL	8.82	ND	ND	ND						
02/25/1999	FMETL	9.11	ND	ND	ND						
06/29/1999	FMETL	5.77	ND	ND	ND						
09/21/1999	FMETL	15.62	ND	ND	ND						
12/09/1999	FMETL	11.90	ND	ND	ND						
03/01/2000	FMETL	11.01	ND	ND	1.64						
06/12/2000	FMETL	8.03	ND	ND	ND						
08/24/2000	FMETL	9.08	ND	ND	ND						
08/24/2000D	FMETL	8.70	ND	ND	ND						
11/20/2000	FMETL	5.34	ND	ND	ND						-
02/21/2001	FMETL	8.26	ND	ND	ND						-
05/16/2001	FMETL	5.21	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	1.93	ND	ND	ND						-
02/11/2002	FMETL	1.05	ND	ND	ND						V
06/18/2002	FMETL	3.08	ND	ND	ND						V,P
09/18/2002	FMETL	4.17	ND	ND	ND						V,P
11/05/2002	FMETL	7.48	ND	ND	ND	1.33					V,P
03/13/2003	FMETL	24.28	0.67	ND	0.79	3.37					V,P

SOURCE: 11

Sampling Dates:
04/08/1997 - 03/13/2003

NOTES:

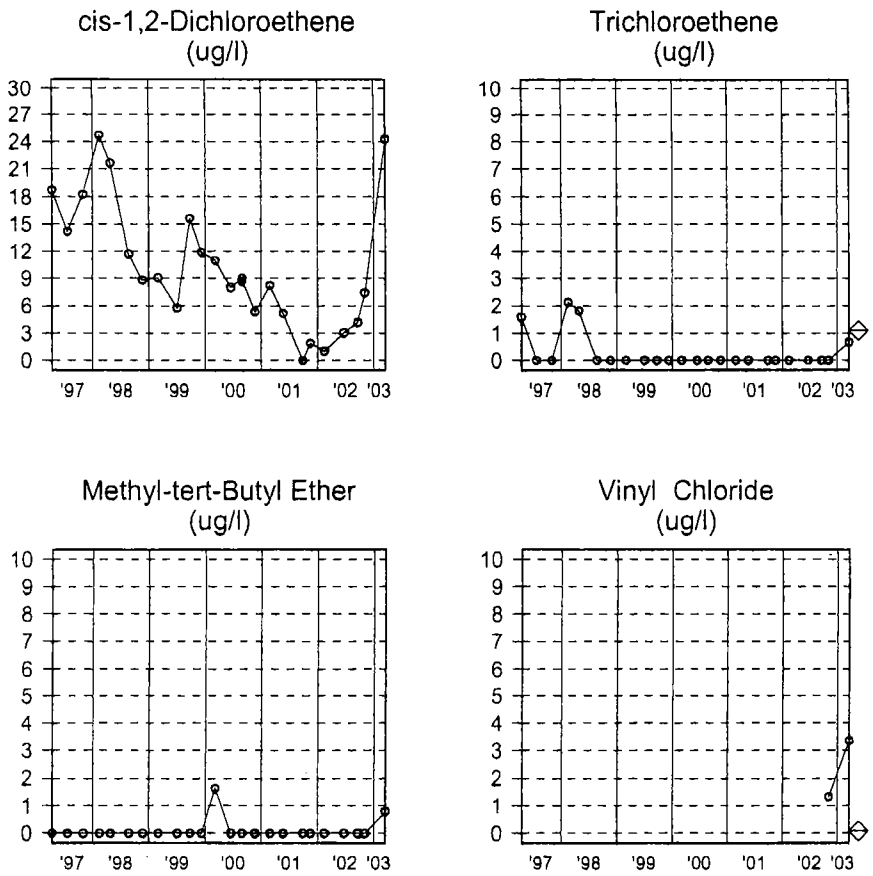
Page 1 of1
Stream 11 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09 ug/L.
MTBE limit is NLE.

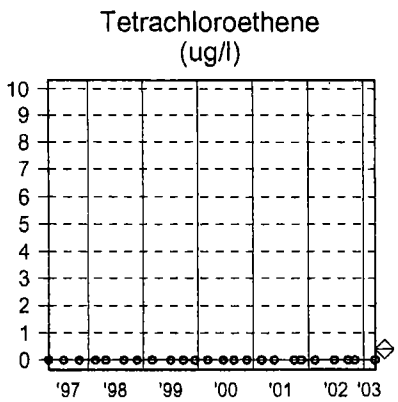
Fort Monmouth

GW Monitoring
Streams

Source 6 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV





SOURCE: 11

Sampling Dates:
04/08/1997 - 03/13/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 6 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-02-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	6.63	ND	ND	ND						
07/17/1997	FMETL	ND	ND	ND	ND						
10/30/1997	FMETL	5.67	ND	ND	ND						
02/10/1998	FMETL	6.54	ND	ND	ND						
04/21/1998	FMETL	ND	ND	ND	ND						
08/19/1998	FMETL	4.58	ND	ND	ND						
11/18/1998	FMETL	2.48	ND	ND	ND						
02/25/1999	FMETL	1.80	ND	ND	ND						
06/29/1999	FMETL	1.39	ND	ND	ND						
09/21/1999	FMETL	3.67	ND	ND	ND						
12/09/1999	FMETL	2.74	ND	ND	ND						
03/01/2000	FMETL	3.13	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	2.00	ND	ND	ND						
11/20/2000	FMETL	1.87	ND	ND	ND						-
02/21/2001	FMETL	1.89	ND	ND	ND						-
05/16/2001	FMETL	1.66	ND	ND	ND						-
05/16/2001D	FMETL	1.72	ND	ND	ND						-
09/11/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/05/2002	FMETL	5.16	ND	ND	ND	ND					V,P
03/13/2003	FMETL	9.43	ND	ND	1.18	1.30					V,P

SOURCE: 12

Sampling Dates:
04/08/1997 - 03/13/2003

NOTES:

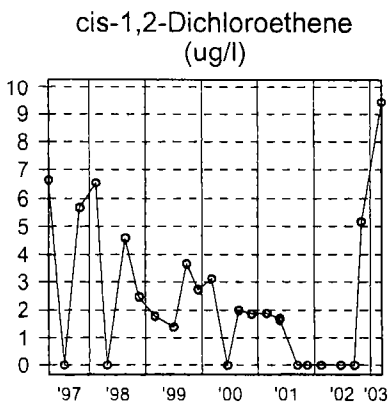
Page 1 of 1
Stream 12 is Fresh-Water.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.

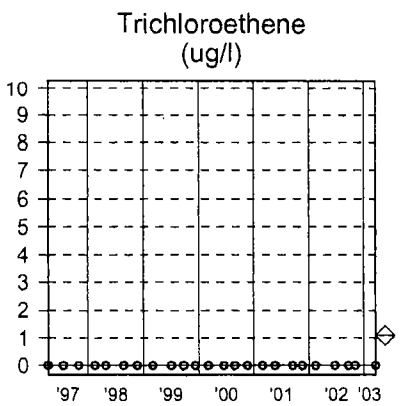
Fort Monmouth

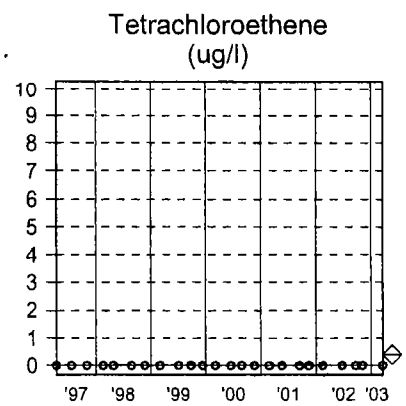
GW Monitoring
Streams

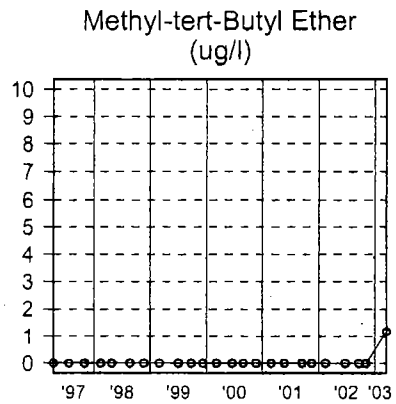
Source 7 of 23

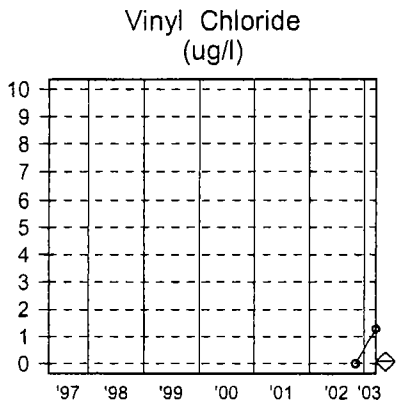
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 12

Sampling Dates:
04/08/1997 - 03/13/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 7 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-02-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	ND	ND	ND	ND						
07/17/1997	FMETL	ND	ND	ND	ND						
10/30/1997	FMETL	ND	ND	ND	ND						
02/10/1998	FMETL	ND	ND	ND	ND						
04/21/1998	FMETL	ND	ND	ND	ND						
08/19/1998	FMETL	ND	ND	ND	ND						
11/18/1998	FMETL	ND	ND	ND	ND						
02/25/1999	FMETL	ND	ND	ND	ND						
06/29/1999	FMETL	ND	ND	ND	ND						
09/22/1999	FMETL	ND	ND	ND	ND						
12/09/1999	FMETL	ND	ND	3.94	ND						
03/01/2000	FMETL	1.35	1.40	6.92	2.40						
06/12/2000	FMETL	ND	ND	5.56	ND						
08/24/2000	FMETL	2.17	1.78	5.40	ND						
11/20/2000	FMETL	ND	ND	6.58	ND						-
02/21/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/05/2002	FMETL	ND	ND	1.46	ND	ND					V,P
03/24/2003	FMETL	ND	ND	ND	ND	ND					V,P

SOURCE: 13

Sampling Dates:
04/08/1997 - 03/24/2003

NOTES:

Page 1 of 1
Stream 13 is Fresh-Water.
MeCl limit is 2.49 ug/L.
cis-1,2-Di limit is NLE.
TCE limit is 1.09.
PCE limit is 0.388 ug/L.
Acetone limit is NLE.
MTBE limit is NLE.

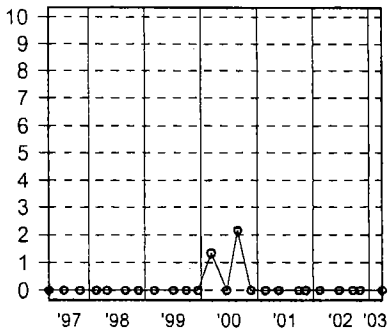
Fort Monmouth

GW Monitoring
Streams

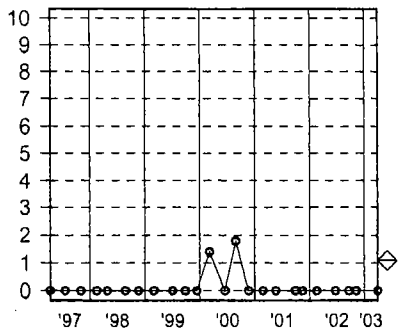
Source 8 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

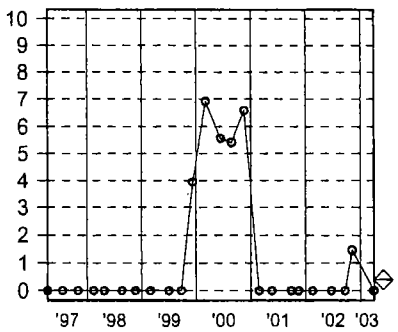
cis-1,2-Dichloroethene
(ug/l)



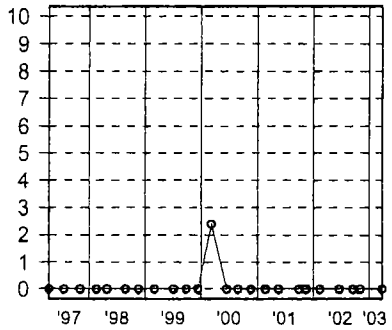
Trichloroethene
(ug/l)



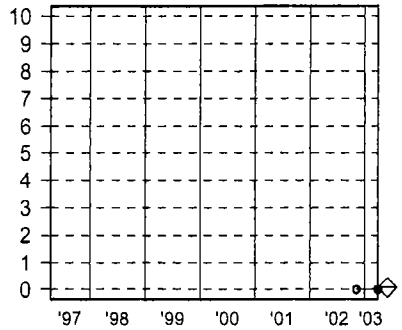
Tetrachloroethene
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Vinyl Chloride
(ug/l)



SOURCE: 13

Sampling Dates:
04/08/1997 - 03/24/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 8 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	ND	ND	ND	ND						
07/17/1997	FMETL	ND	ND	ND	ND						
10/30/1997	FMETL	1.59	1.75	ND	ND						
02/10/1998	FMETL	ND	ND	ND	ND						
04/21/1998	FMETL	ND	ND	ND	ND						
08/19/1998	FMETL	ND	ND	ND	ND						
11/18/1998	FMETL	ND	ND	ND	ND						
02/25/1999	FMETL	ND	ND	ND	ND						
06/29/1999	FMETL	ND	ND	ND	ND						
09/22/1999	FMETL	ND	ND	ND	ND						
12/09/1999	FMETL	11.26	ND	ND	ND						
03/01/2000	FMETL	ND	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	ND	ND	ND	ND						
11/20/2000	FMETL	ND	ND	ND	ND						-
03/08/2001	FMETL	ND	ND	ND	ND						-
03/08/2001D	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/05/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/24/2003	FMETL	ND	ND	ND	ND	ND					V,P

SOURCE: 14

Sampling Dates:
04/08/1997 - 03/24/2003

NOTES:

Page 1 of 1
Stream 14 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09.
Acetone limit is NLE.

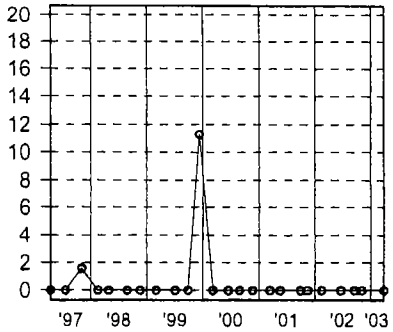
Fort Monmouth

GW Monitoring
Streams

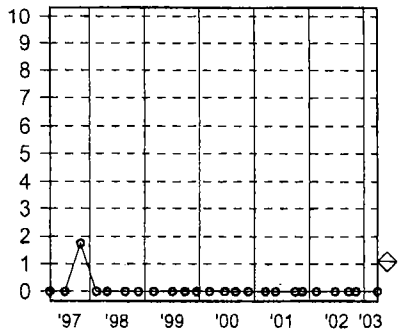
Source 9 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

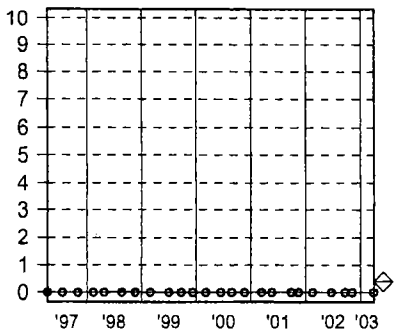
cis-1,2-Dichloroethene
(ug/l)



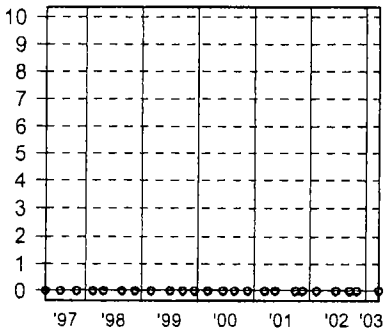
Trichloroethene
(ug/l)



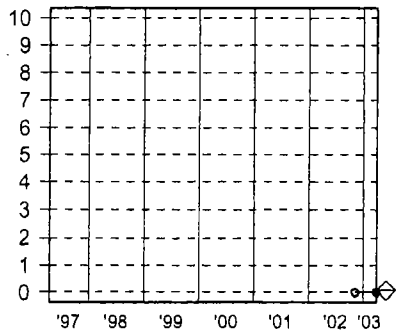
Tetrachloroethene
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Vinyl Chloride
(ug/l)



SOURCE: 14

Sampling Dates:
04/08/1997 - 03/24/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 9 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	2.69	1.60	6.00	ND						
07/17/1997	FMETL	5.53	2.50	7.12	ND						
10/30/1997	FMETL	2.57	ND	2.72	ND						
02/10/1998	FMETL	ND	1.03	6.90	ND						
04/21/1998	FMETL	1.22	1.21	5.72	ND						
08/19/1998	FMETL	3.89	2.06	5.39	ND						
11/18/1998	FMETL	ND	ND	ND	ND						
02/25/1999	FMETL	ND	ND	7.33	ND						
06/29/1999	FMETL	4.17	2.40	7.86	ND						
09/21/1999	FMETL	3.59	1.37	2.61	ND						
12/09/1999	FMETL	ND	ND	4.08	ND						
03/01/2000	FMETL	1.39	1.39	6.95	2.38						
06/12/2000	FMETL	ND	ND	5.94	ND						
08/24/2000	FMETL	2.02	1.09	5.20	ND						
11/20/2000	FMETL	ND	ND	6.29	ND						-
02/21/2001	FMETL	ND	ND	7.19	ND						-
05/16/2001	FMETL	1.50	ND	6.64	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
09/25/2001D	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	3.09	ND	3.49	ND						-
02/11/2002	FMETL	ND	ND	2.65	ND						V
06/18/2002	FMETL	1.63	ND	2.67	ND						V,P
09/18/2002	FMETL	2.39	ND	2.55	ND						V,P
11/05/2002	FMETL	ND	ND	1.52	ND	ND					V,P
03/24/2003	FMETL	1.44	1.11	3.96	ND	ND					V,P

SOURCE: 15

Sampling Dates:
04/08/1997 - 03/24/2003

NOTES:

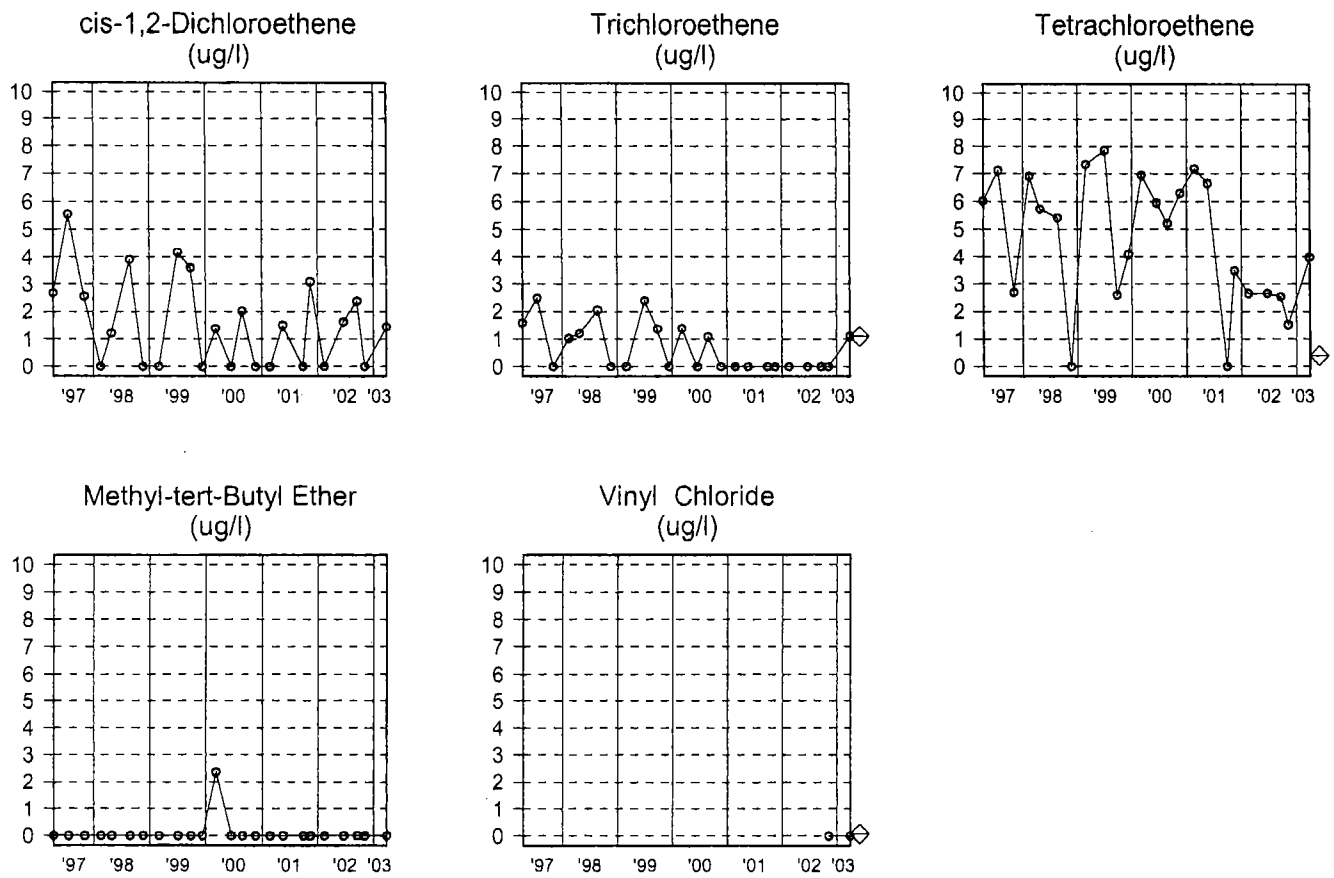
Page 1 of 1
Stream 15 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09 ug/L.
PCE limit is 0.388 ug/L.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 10 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 15

Sampling Dates:
04/08/1997 - 03/24/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 10 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	2.05	1.26	4.47	ND						
07/17/1997	FMETL	2.55	ND	4.72	ND						
10/30/1997	FMETL	1.76	ND	1.86	ND						
02/10/1998	FMETL	ND	ND	6.23	ND						
04/21/1998	FMETL	ND	ND	4.58	ND						
08/19/1998	FMETL	2.94	1.63	4.33	ND						
11/18/1998	FMETL	ND	ND	1.48	ND						
02/25/1999	FMETL	ND	ND	6.06	ND						
06/29/1999	FMETL	3.56	2.25	7.70	ND						
09/22/1999	FMETL	2.74	ND	2.63	ND						
12/09/1999	FMETL	1.79	ND	4.13	ND						
03/01/2000	FMETL	1.28	1.27	6.47	2.33						
06/12/2000	FMETL	ND	ND	3.74	ND						
08/24/2000	FMETL	1.68	1.28	4.47	ND						
11/20/2000	FMETL	ND	ND	4.49	ND						-
02/21/2001	FMETL	ND	ND	6.25	ND						-
05/16/2001	FMETL	1.23	ND	4.91	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	1.41	ND	2.00	ND						-
02/11/2002	FMETL	ND	ND	2.47	ND						V
06/18/2002	FMETL	1.35	ND	2.46	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/05/2002	FMETL	ND	ND	1.49	ND	ND					V,P
03/13/2003	FMETL	0.90	0.74	3.21	ND	ND					V,P

SOURCE: 16

Sampling Dates:
04/08/1997 - 03/13/2003

NOTES:

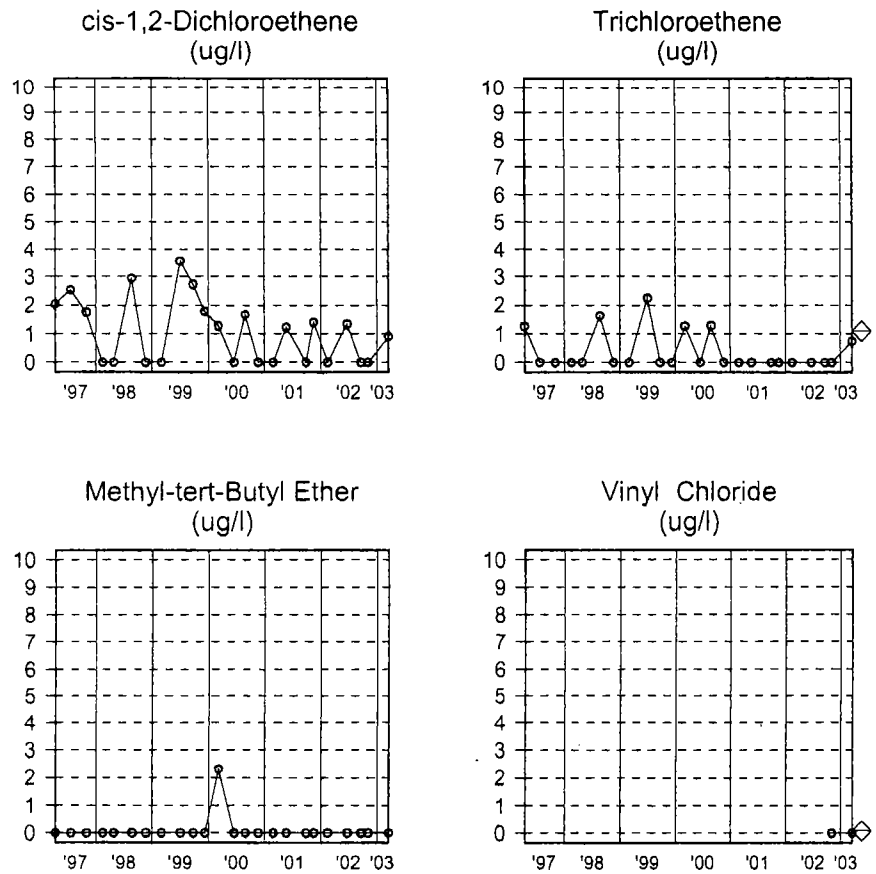
Page 1 of 1
Stream 16 is Salt-Water.
cis-1,2-di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 11 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 16

Sampling Dates:
04/08/1997 - 03/13/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 11 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-02-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	ND	ND	ND	ND						
07/17/1997	FMETL	ND	ND	ND	ND						
10/30/1997	FMETL	ND	ND	ND	ND						
02/10/1998	FMETL	ND	ND	ND	ND						
04/21/1998	FMETL	ND	ND	ND	ND						
08/19/1998	FMETL	ND	ND	ND	ND						
11/18/1998	FMETL	4.43	2.12	5.09	ND						
02/25/1999	FMETL	ND	ND	ND	ND						
06/29/1999	FMETL	ND	ND	ND	ND						
09/22/1999	FMETL	1.09	ND	ND	ND						
12/09/1999	FMETL	ND	ND	ND	ND						
03/01/2000	FMETL	ND	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	ND	ND	ND	ND						
11/20/2000	FMETL	ND	ND	ND	ND						-
03/08/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/24/2003	FMETL	ND	ND	ND	ND	ND					V,P

SOURCE: 17

Sampling Dates:
04/08/1997 - 03/24/2003

NOTES:

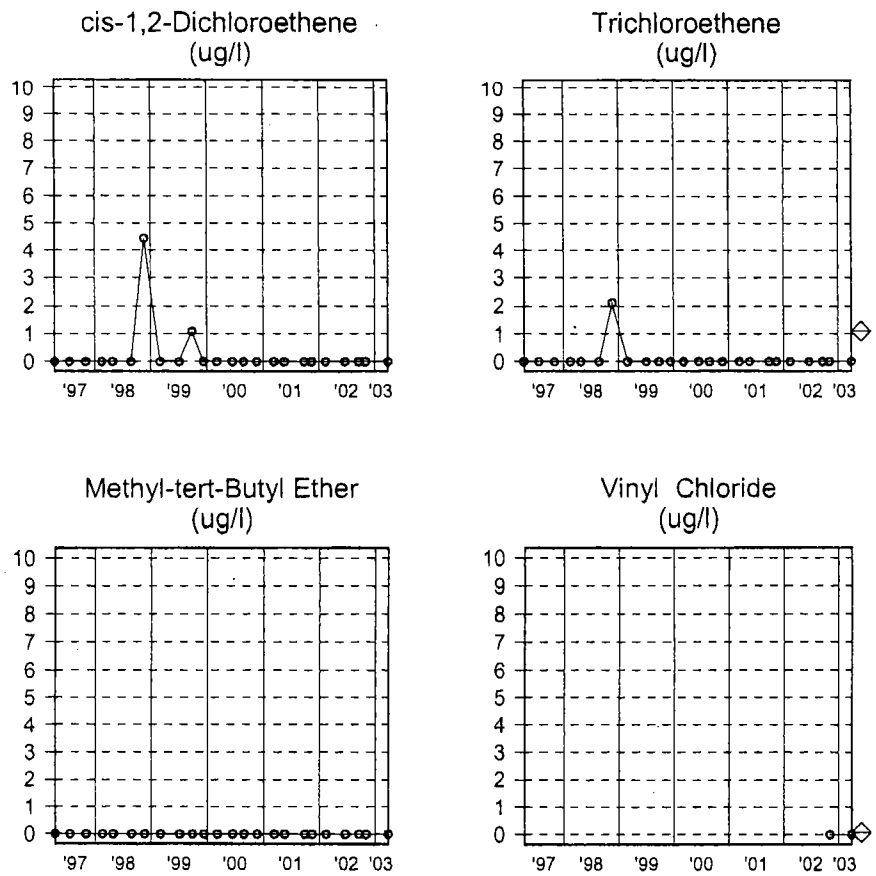
Page 1 of 1
stream 17 is Salt-Water.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
Acetone limit is NLE.
Chlorobenzene limit is 21000 ug/L.

Fort Monmouth

GW Monitoring
Streams

Source 12 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 17

Sampling Dates:
04/08/1997 - 03/24/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 12 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	ND	ND	ND	ND						
07/17/1997	FMETL	1.06	ND	ND	ND						
10/30/1997	FMETL	5.87	ND	ND	ND						
02/10/1998	FMETL	14.36	ND	ND	ND						
04/21/1998	FMETL	ND	ND	ND	ND						
08/19/1998	FMETL	4.65	ND	ND	ND						
11/18/1998	FMETL	3.18	ND	ND	ND						
02/25/1999	FMETL	3.95	ND	ND	ND						
06/29/1999	FMETL	1.47	ND	ND	ND						
09/21/1999	FMETL	4.67	ND	ND	ND						
12/09/1999	FMETL	4.90	ND	ND	ND						
03/01/2000	FMETL	5.57	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	2.46	ND	ND	ND						
11/20/2000	FMETL	1.80	ND	ND	ND						-
02/21/2001	FMETL	4.10	ND	ND	ND						-
05/16/2001	FMETL	1.45	ND	ND	ND						-
09/11/2001	FMETL	ND	ND	ND	ND						-
09/11/2001D	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/05/2002	FMETL	5.14	ND	ND	ND	ND					V,P
03/13/2003	FMETL	17.75	0.52	ND	0.67	2.33					V,P

SOURCE: 18

Sampling Dates:
04/08/1997 - 03/13/2003

NOTES:

Page 1 of 1
Stream 18 is Fresh-Water.
cis-1,2-Di limit is NLE.

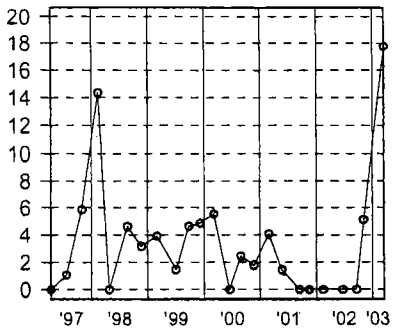
Fort Monmouth

GW Monitoring
Streams

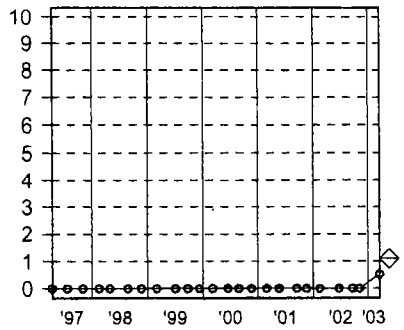
Source 13 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

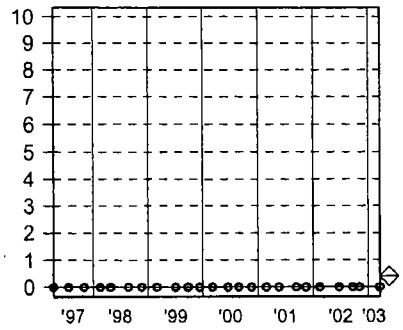
cis-1,2-Dichloroethene
(ug/l)



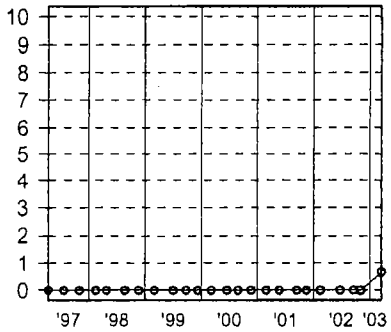
Trichloroethene
(ug/l)



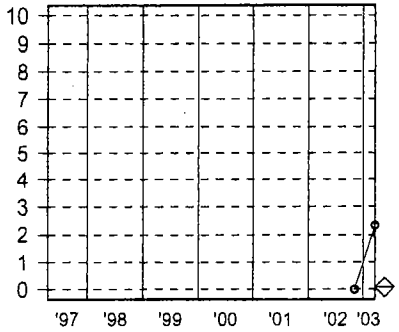
Tetrachloroethene
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Vinyl Chloride
(ug/l)



SOURCE: 18

Sampling Dates:
04/08/1997 - 03/13/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 13 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	6.44	ND	ND	ND						
07/17/1997	FMETL	ND	ND	ND	ND						
10/30/1997	FMETL	4.69	ND	ND	ND						
02/10/1998	FMETL	8.22	ND	ND	ND						
04/21/1998	FMETL	6.86	ND	ND	ND						
08/19/1998	FMETL	2.95	ND	ND	ND						
11/17/1998	FMETL	2.3	ND	ND	ND						
02/25/1999	FMETL	2.30	ND	ND	ND						
06/29/1999	FMETL	ND	ND	ND	ND						
09/21/1999	FMETL	3.53	ND	ND	ND						
12/09/1999	FMETL	2.60	ND	ND	ND						
03/01/2000	FMETL	2.92	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	2.07	ND	ND	ND						
11/20/2000	FMETL	ND	ND	ND	ND						-
02/21/2001	FMETL	2.99	ND	ND	ND						-
02/21/2001D	FMETL	3.87	ND	ND	ND						-
05/16/2001	FMETL	1.57	ND	ND	ND						-
09/11/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	2.69	ND	ND	ND	ND					V,P
03/13/2003	FMETL	13.43	0.44	ND	ND	1.61					V,P

SOURCE: 19

Sampling Dates:
04/08/1997 - 03/13/2003

NOTES:

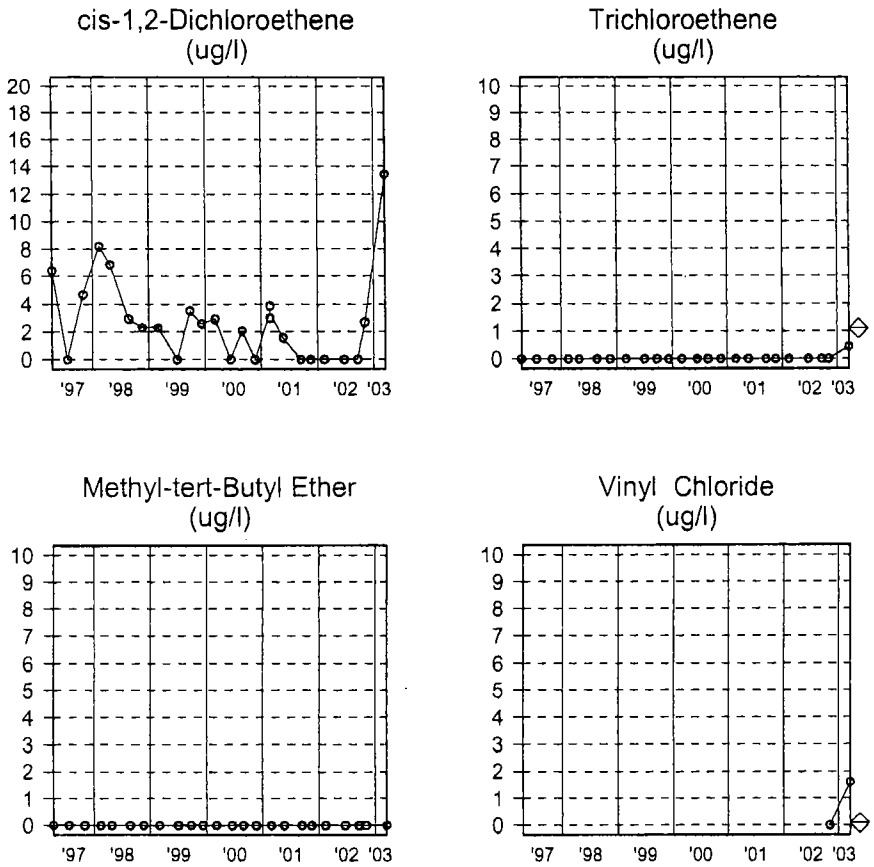
Page 1 of 1
Stream 19 is Salt-Water.
cis-1,2-Di limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 14 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 19

Sampling Dates:
04/08/1997 - 03/13/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 14 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	ND	ND	ND	ND						
07/17/1997	FMETL	ND	ND	ND	2.63						
10/30/1997	FMETL	ND	ND	ND	ND						
02/10/1998	FMETL	ND	ND	ND	ND						
04/21/1998	FMETL	ND	ND	ND	ND						
08/19/1998	FMETL	ND	ND	ND	4.85						
11/17/1998	FMETL	ND	ND	ND	ND						
02/25/1999	FMETL	ND	ND	ND	ND						
06/29/1999	FMETL	ND	ND	ND	5.70						
09/21/1999	FMETL	ND	ND	ND	2.10						
12/09/1999	FMETL	ND	ND	ND	ND						
03/01/2000	FMETL	ND	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	6.38						
08/24/2000	FMETL	ND	ND	ND	2.58						
11/20/2000	FMETL	ND	ND	ND	ND						-
02/21/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	1.26						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/13/2003	FMETL	ND	ND	0.64	ND	ND					V,P

SOURCE: 20

Sampling Dates:
04/08/1997 - 03/13/2003

NOTES:

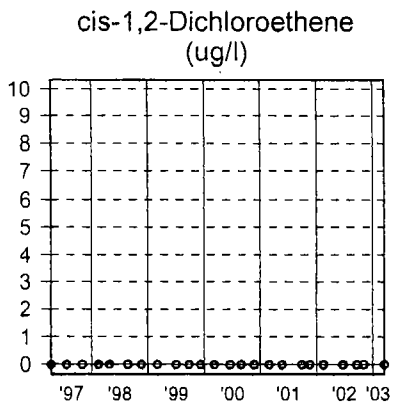
Page 1 of 1
Stream20 is Salt-Water.
Ethylben limit is 27900 ug/L.
MTBE limit is NLE.

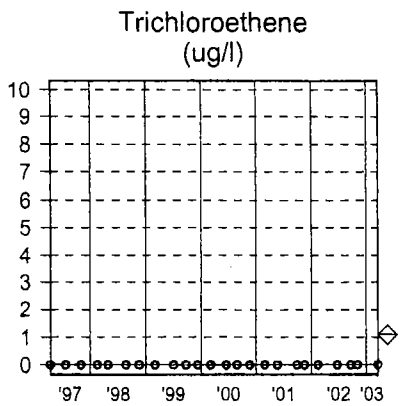
Fort Monmouth

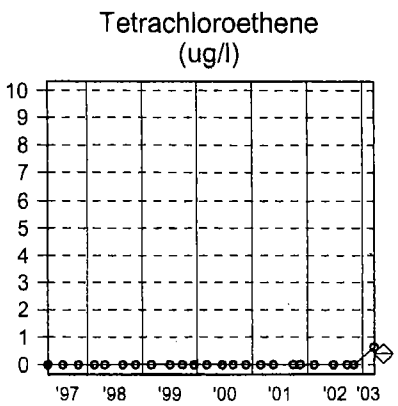
GW Monitoring
Streams

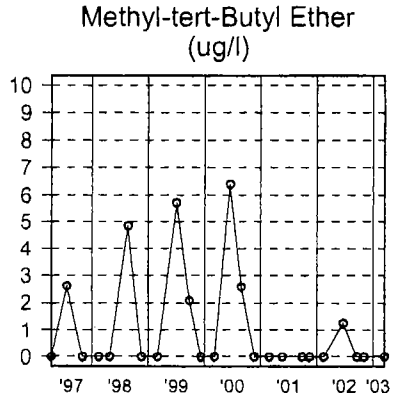
Source 15 of 23

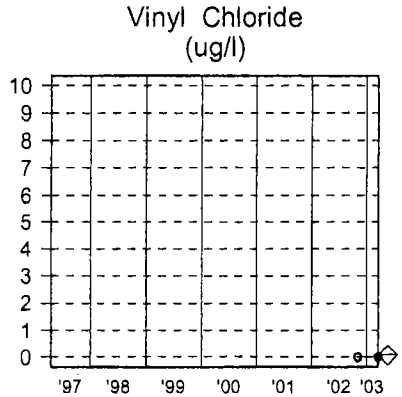
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 20

Sampling Dates:
04/08/1997 - 03/13/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 15 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-02-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	ND	ND	ND	ND						
07/17/1997	FMETL	ND	ND	ND	2.90						
10/30/1997	FMETL	ND	ND	ND	ND						
02/10/1998	FMETL	ND	ND	ND	ND						
04/21/1998	FMETL	ND	ND	ND	ND						
08/19/1998	FMETL	ND	ND	ND	4.71						
11/17/1998	FMETL	ND	ND	ND	ND						
02/25/1999	FMETL	ND	ND	ND	ND						
06/29/1999	FMETL	ND	ND	ND	7.40						
09/21/1999	FMETL	1.17	ND	ND	2.24						
12/09/1999	FMETL	ND	ND	ND	ND						
03/01/2000	FMETL	ND	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	ND	ND	ND	2.67						
11/20/2000	FMETL	ND	ND	ND	ND						-
02/21/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/11/2001	FMETL	ND	ND	ND	1.76						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/13/2003	FMETL	ND	ND	0.63	ND	ND					V,P

SOURCE: 21

Sampling Dates:
04/08/1997 - 03/13/2003

NOTES:

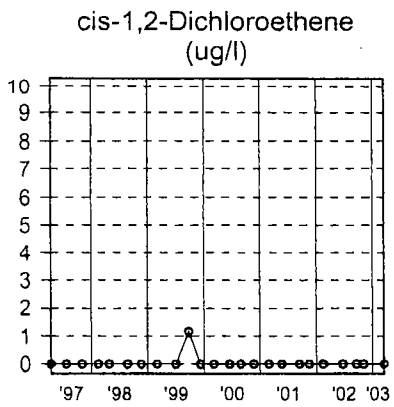
Page 1 of 1
Sream 21 is Salt-Water.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.
MTBE limit is NLE.

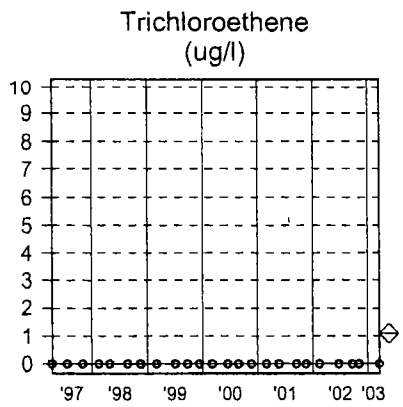
Fort Monmouth

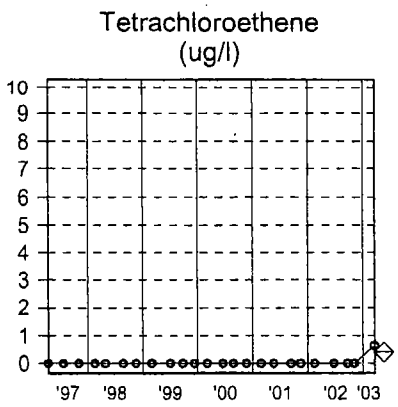
GW Monitoring
Streams

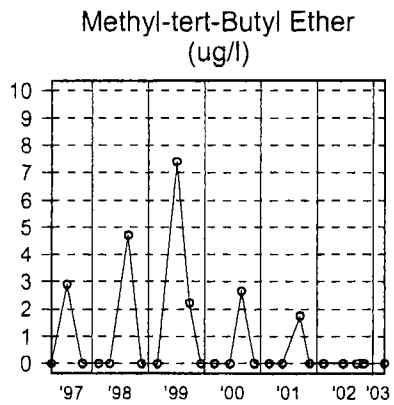
Source 16 of 23

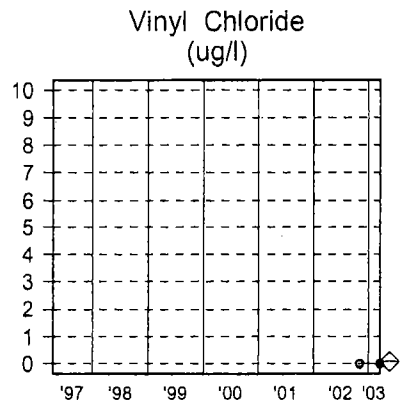
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 21

Sampling Dates:
04/08/1997 - 03/13/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 16 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-02-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	ND	ND	ND	ND						
07/17/1997	FMETL	ND	ND	ND	4.26						
10/30/1997	FMETL	ND	ND	ND	ND						
02/10/1998	FMETL	ND	ND	ND	ND						
04/21/1998	FMETL	ND	ND	ND	ND						
08/19/1998	FMETL	ND	ND	ND	4.50						
11/17/1998	FMETL	ND	ND	ND	ND						
02/25/1999	FMETL	ND	ND	ND	ND						
06/29/1999	FMETL	ND	ND	ND	8.30						
09/21/1999	FMETL	ND	ND	ND	0.82						
12/09/1999	FMETL	ND	ND	ND	ND						
03/01/2000	FMETL	ND	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	10.26						
06/12/2000D	FMETL	ND	ND	ND	10.66						
08/24/2000	FMETL	ND	ND	ND	ND						
11/20/2000	FMETL	ND	ND	ND	ND						-
02/21/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						V
09/11/2001	FMETL	ND	ND	ND	3.53						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	2.12						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/13/2003	FMETL	1.57	ND	ND	ND	ND					V,P

SOURCE: 22

Sampling Dates:
04/08/1997 - 03/13/2003

NOTES:

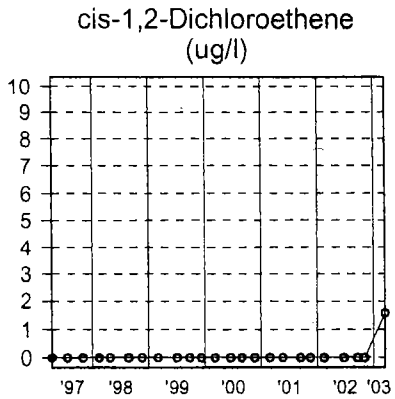
Page 1 of 1
Stream 22 is Salt-Water.
Acetone limit is NLE.
MTBE limit is NLE.

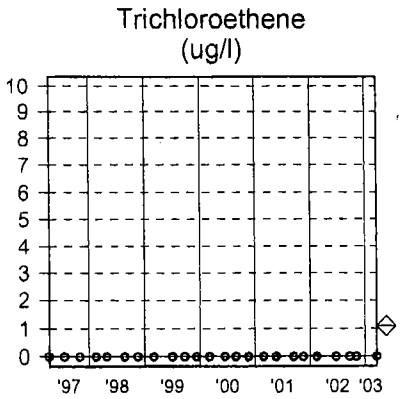
Fort Monmouth

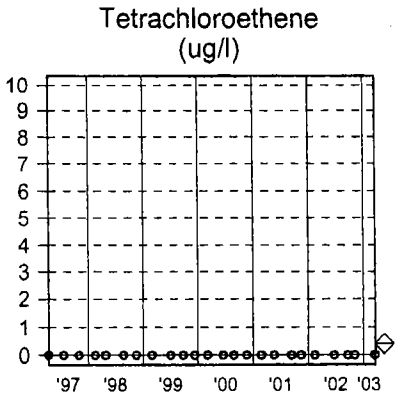
GW Monitoring
Streams

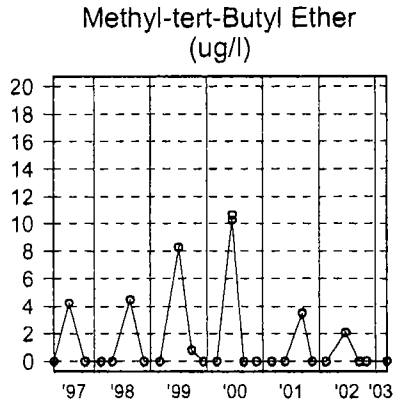
Source 17 of 23

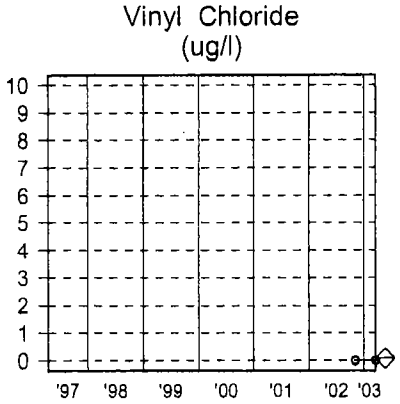
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 22

Sampling Dates:
04/08/1997 - 03/13/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 17 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-02-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
06/12/2000	FMETL	ND	ND	5.60	ND						
08/24/2000	FMETL	2.24	1.82	5.18	ND						
11/20/2000	FMETL	ND	ND	6.29	ND						-
03/08/2001	FMETL	ND	ND	4.78	ND						-
05/16/2001	FMETL	1.73	ND	6.41	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	3.23	ND	3.64	ND						-
02/11/2002	FMETL	ND	ND	2.85	ND						V
06/18/2002	FMETL	1.58	ND	2.88	ND						V,P
09/18/2002	FMETL	2.49	ND	ND	ND						V,P
11/05/2002	FMETL	ND	ND	1.44	ND	ND					V,P
03/24/2003	FMETL	1.41	1.05	4.01	ND	ND					V,P

SOURCE: 23

Sampling Dates:
06/12/2000 - 03/24/2003

NOTES:

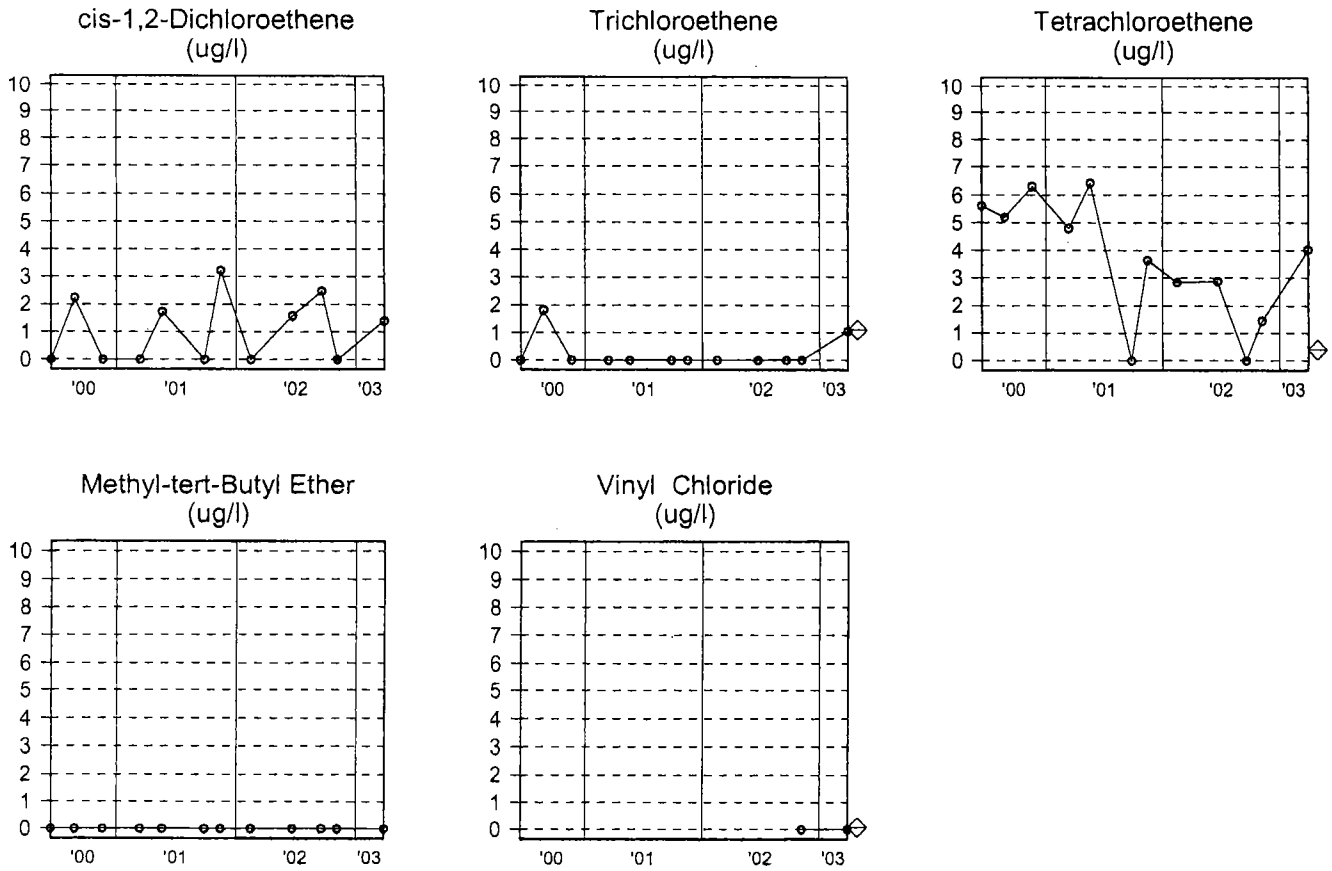
Page 1 of 1
Stream 23 is Fresh-Water

Fort Monmouth

GW Monitoring
Streams

Source 18 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 23

Sampling Dates:
06/12/2000 - 03/24/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 18 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
06/12/2000	FMETL	ND	ND	4.72	ND						
08/24/2000	FMETL	1.54	1.41	4.33	ND						
11/20/2000	FMETL	ND	ND	4.41	ND						-
03/08/2001	FMETL	ND	ND	4.76	ND						-
05/16/2001	FMETL	1.37	ND	5.12	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	3.11	ND	3.28	ND						-
02/11/2002	FMETL	ND	ND	2.69	ND						V
06/18/2002	FMETL	1.60	ND	2.74	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/05/2002	FMETL	ND	ND	1.64	ND	ND					V,P
03/13/2003	FMETL	0.99	0.83	3.50	ND	ND					V,P

SOURCE: 24

Sampling Dates:
06/12/2000 - 03/13/2003

NOTES:

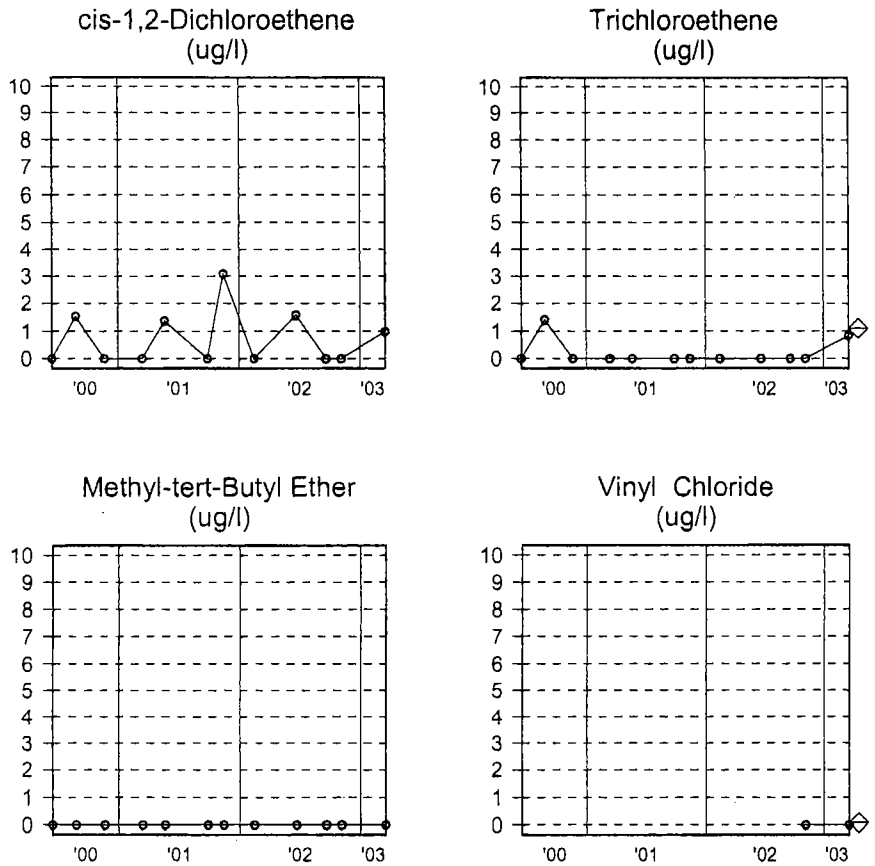
Page 1 of 2
Stream 24 is Fresh-Water

Fort Monmouth

GW Monitoring
Streams

Source 19 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 24

Sampling Dates:
06/12/2000 - 03/13/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 19 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	ND	ND	ND	ND						
11/20/2000	FMETL	ND	ND	ND	ND						-
03/08/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/24/2003	FMETL	ND	ND	2.22	ND	ND					V,P

SOURCE: 25

Sampling Dates:
06/12/2000 - 03/24/2003

NOTES:

Page 1 of 1
Stream 25 is Salt-Water.

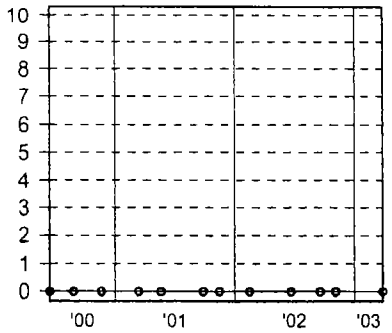
Fort Monmouth

GW Monitoring
Streams

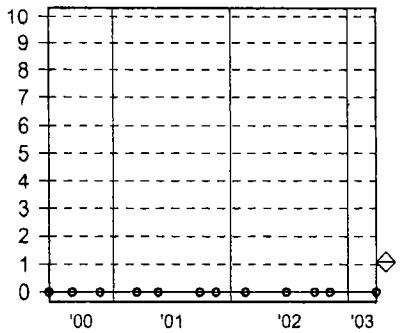
Source 20 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

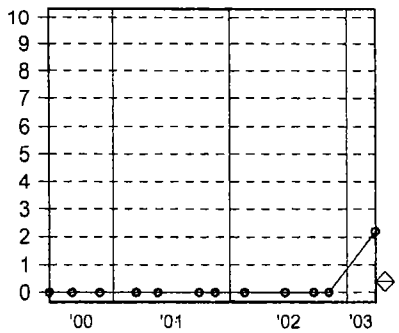
cis-1,2-Dichloroethene
(ug/l)



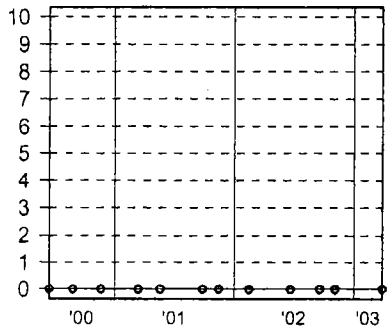
Trichloroethene
(ug/l)



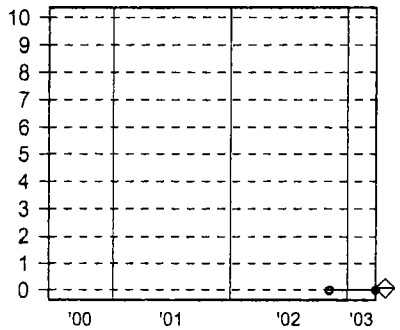
Tetrachloroethene
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Vinyl Chloride
(ug/l)



SOURCE: 25

Sampling Dates:
06/12/2000 - 03/24/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 20 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-02-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	ND	ND	ND	ND						
11/20/2000	FMETL	ND	ND	ND	ND						-
03/08/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/24/2003	FMETL	ND	ND	ND	ND	ND					V,P

SOURCE: 26

Sampling Dates:
06/12/2000 - 03/24/2003

NOTES:

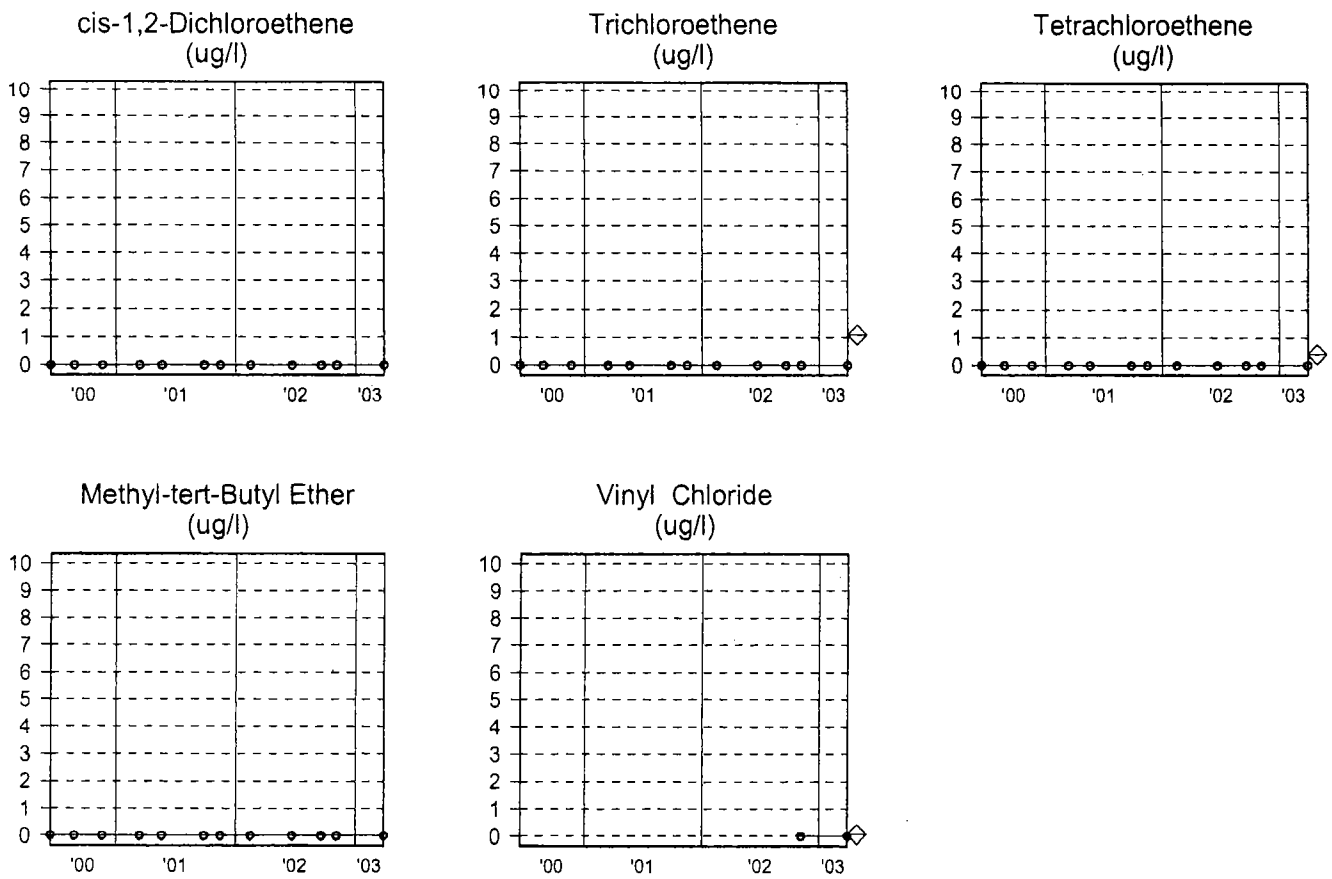
Page 1 of 1
Stream 26 is Fresh-Water

Fort Monmouth

GW Monitoring
Streams

Source 21 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 26

Sampling Dates:
06/12/2000 - 03/24/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 21 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-02-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	ND	ND	1.72	ND						
11/20/2000	FMETL	ND	ND	1.87	ND						-
03/08/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/13/2003	FMETL	ND	ND	1.71	ND	ND					V,P

SOURCE: 27

Sampling Dates:
06/12/2000 - 03/13/2003

NOTES:

Page 1 of 1
Stream 27 is Salt Water.

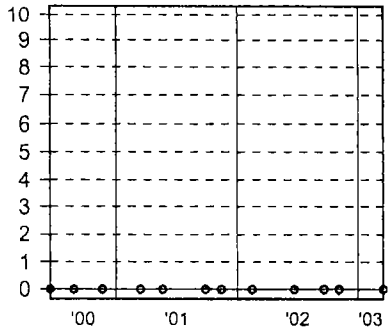
Fort Monmouth

GW Monitoring
Streams

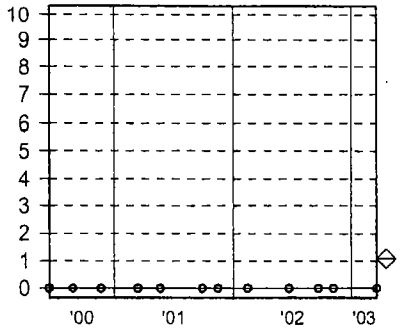
Source 22 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

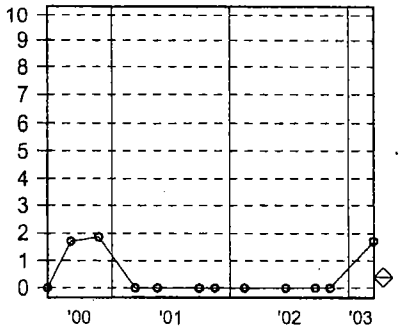
cis-1,2-Dichloroethene
(ug/l)



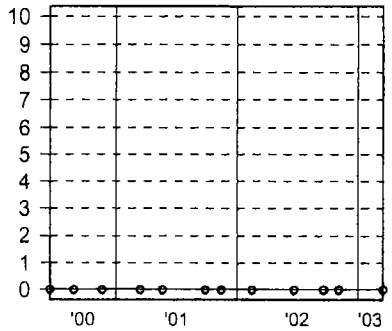
Trichloroethene
(ug/l)



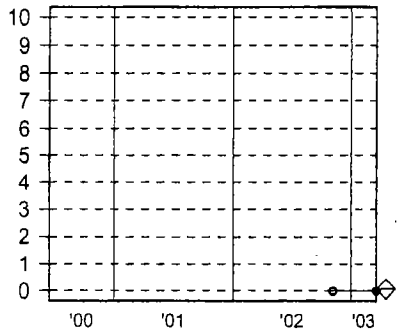
Tetrachloroethene
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Vinyl Chloride
(ug/l)



SOURCE: 27

Sampling Dates:
06/12/2000 - 03/13/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 22 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

05-02-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	1.28	1.07	3.67	ND						
11/20/2000	FMETL	ND	ND	3.60	ND						-
03/08/2001	FMETL	ND	ND	2.56	ND						-
05/16/2001	FMETL	ND	ND	2.77	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	1.55	ND						V
06/18/2002	FMETL	ND	ND	1.99	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/13/2003	FMETL	0.73	0.60	2.78	ND	ND					V,P

SOURCE: 28

Sampling Dates:
06/12/2000 - 03/13/2003

NOTES:

Page 1 of 1
Stream 28 is Salt-Water
cis-1,2-Dichloroethene limit is NLE
TCE limit is 81
PCE limit is 4.29

Fort Monmouth

GW Monitoring
Streams

Source 23 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	1.28	1.07	3.67	ND						
11/20/2000	FMETL	ND	ND	3.60	ND						-
03/08/2001	FMETL	ND	ND	2.56	ND						-
05/16/2001	FMETL	ND	ND	2.77	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	1.55	ND						V
06/18/2002	FMETL	ND	ND	1.99	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/13/2003	FMETL	0.73	0.60	2.78	ND	ND					V,P

SOURCE: 28

Sampling Dates:
06/12/2000 - 03/13/2003

NOTES:

Page 1 of 1
Stream 28 is Salt-Water
cis-1,2-Dichloroethene limit is NLE
TCE limit is 81
PCE limit is 4.29

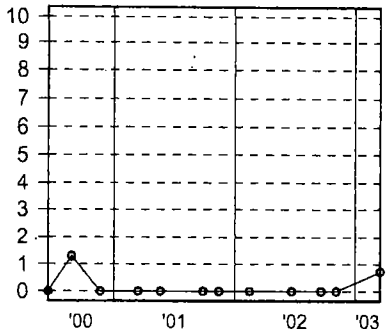
Fort Monmouth

GW Monitoring
Streams

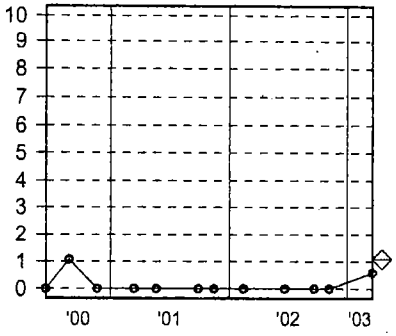
Source 23 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

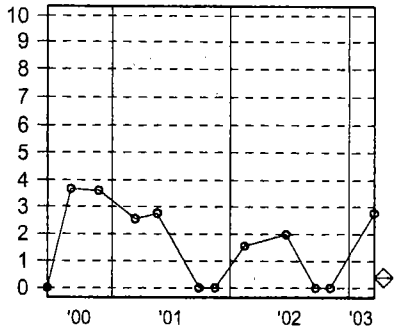
cis-1,2-Dichloroethene
(ug/l)



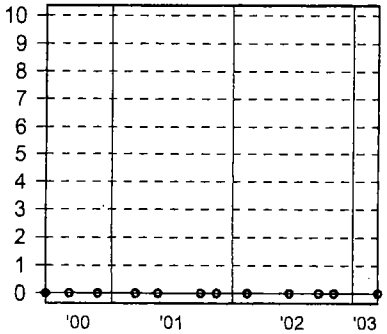
Trichloroethene
(ug/l)



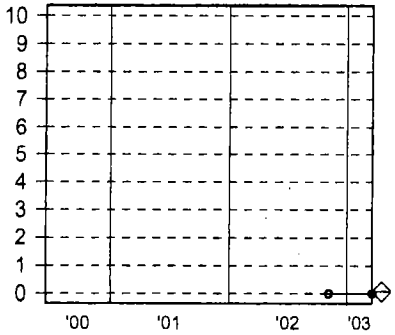
Tetrachloroethene
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Vinyl Chloride
(ug/l)



SOURCE: 28

Sampling Dates:
06/12/2000 - 03/13/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 23 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

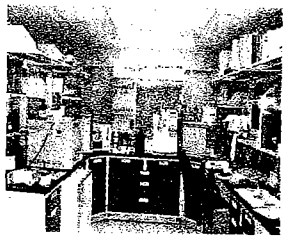
FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS

PHONE: (732) 532-6224 FAX: (732) 532-6263

WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

CERTIFICATIONS: NJDEP #13461, NYSDOH #11699



ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: 2nd QTR/03 Streams

Streams

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Stream Site #22	3024704	Aqueous	21-May-03 09:30	05/21/03
Stream Site #21	3024705	Aqueous	21-May-03 09:37	05/21/03
Stream Site #20	3024706	Aqueous	21-May-03 09:42	05/21/03
Stream Site #09	3024707	Aqueous	21-May-03 09:54	05/21/03
Stream Site #19	3024708	Aqueous	21-May-03 10:06	05/21/03
Stream Site #12	3024709	Aqueous	21-May-03 10:14	05/21/03
Stream Site #18	3024710	Aqueous	21-May-03 10:21	05/21/03
Stream Site #11	3024711	Aqueous	21-May-03 10:29	05/21/03
Stream Site #24	3024722	Aqueous	21-May-03 10:37	05/21/03
Stream Site #16	3024714	Aqueous	21-May-03 12:27	05/21/03
Stream Site #27	3024725	Aqueous	21-May-03 10:59	05/21/03
Stream Site #07	3024717	Aqueous	21-May-03 11:39	05/21/03
Stream Site #28	3024726	Aqueous	21-May-03 11:31	05/21/03
Stream Site #04	3024716	Aqueous	21-May-03 11:17	05/21/03
Stream Site #05	3024715	Aqueous	21-May-03 11:53	05/21/03
Stream Site #15	3024712	Aqueous	21-May-03 12:08	05/21/03
Stream Site #23	3024721	Aqueous	21-May-03 12:18	05/21/03
Stream Site #25	3024723	Aqueous	21-May-03 10:45	05/21/03
Stream Site #17	3024718	Aqueous	21-May-03 10:52	05/21/03
Stream Site #26	3024724	Aqueous	21-May-03 11:45	05/21/03
Stream Site #03	3024719	Aqueous	21-May-03 11:59	05/21/03
Stream Site #14	3024713	Aqueous	21-May-03 11:10	05/21/03
Stream Site #13	3024704	Aqueous	21-May-03 11:24	05/21/03

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA+15, PCB's, WET CHEMISTRY

6-16-03

Daniel Wright/Date
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

MDL	:	**Method Detection Limit**
J	:	**Compound identified below detection limit**
B	:	**Compound found in blank**
D	:	**Results are from a dilution of the sample**
U	:	**Compound searched for but not detected**
E	:	**Compound exceeds calibration limit**
PQL	:	**Practical Quantitation Limit**
NLE	:	**No limit established**
RT	:	**Retention time**

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	VC009516.D	Sample Name	MB 30May03
Operator	Skelton	Field ID	MB 30May03
Date Aquired	30-May-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

C:\HPCHEM\CUSTRPT\VOLATILE\FRESHWATER03.CRT

6/5/2003 3:05 PM

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC009516.D**	Sample Name	**MB 30May03**
Operator	**Skelton**	Field ID	**MB 30May03**
Date Aquired	**30-May-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

6/5/2003 3:09 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 30May03**

Lab Name: FMETL NJDEP#: 13461

Project: 2ndQtr Case No.: 30247 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: MB 30May03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009516.D

Level: (low/med) LOW Date Received: 5/21/2003

% Moisture: not dec. Date Analyzed: 5/30/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC009553.D**	Sample Name	**MB 02Jun03**
Operator	**Skelton**	Field ID	**MB 02Jun03**
Date Aquired	**2-Jun-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	**VC009553.D**	Sample Name	**MB 02Jun03**
Operator	**Skelton**	Field ID	**MB 02Jun03**
Date Aquired	**2-Jun-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

C:\HPCHEM\CUSTRPT\VOLATILE\FRESHWATER03.CRT

6/5/2003 3:15 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 02Jun03**

Lab Name: FMETL NJDEP#: 13461

Project: 2ndQtr Case No.: 30247 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: MB 02Jun03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009553.D

Level: (low/med) LOW Date Received: 5/21/2003

% Moisture: not dec. _____ Date Analyzed: 6/2/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC009522.D**	Sample Name	**3024701**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**30-May-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	**VC009522.D**	Sample Name	**3024701**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**30-May-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: 2ndQtr Case No.: 30247 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3024701

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009522.D

Level: (low/med) LOW Date Received: 5/21/2003

% Moisture: not dec. Date Analyzed: 5/30/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	**VC009523.D**	Sample Name	**3024702**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**30-May-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC009523.D**	Sample Name	**3024702**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**30-May-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: 2ndQtr Case No.: 30247 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3024702

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009523.D

Level: (low/med) LOW Date Received: 5/21/2003

% Moisture: not dec. Date Analyzed: 5/30/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	**VC009524.D**	Sample Name	**3024703**
Operator	**Skelton**	Field ID	**Dupe**
Date Aquired	**30-May-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC009524.D**	Sample Name	**3024703**
Operator	**Skelton**	Field ID	**Dupe**
Date Aquired	**30-May-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

6/5/2003 3:09 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: 2ndQtr Case No.: 30247 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3024703

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009524.D

Level: (low/med) LOW Date Received: 5/21/2003

% Moisture: not dec. _____ Date Analyzed: 5/30/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC009539.D**	Sample Name	**3024716**
Operator	**Skelton**	Field ID	**SS#04**
Date Aquired	**31-May-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#04**

Lab Name: FMETL NJDEP#: 13461

Project: 2ndQtr Case No.: 30247 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3024716

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009539.D

Level: (low/med) LOW Date Received: 5/21/2003

% Moisture: not dec. _____ Date Analyzed: 5/31/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC009538.D**	Sample Name	**3024715**
Operator	**Skelton**	Field ID	**SS#05**
Date Aquired	**31-May-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	22.88	42667	3.54 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#05**

Lab Name: FMETL NJDEP#: 13461

Project: 2ndQtr Case No.: 30247 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3024715

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009538.D

Level: (low/med) LOW Date Received: 5/21/2003

% Moisture: not dec. Date Analyzed: 5/31/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	VC009536.D	Sample Name	3024713
Operator	Skelton	Field ID	SS#13
Date Aquired	31-May-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#13**

Lab Name: FMETL NJDEP#: 13461

Project: 2ndQtr Case No.: 30247 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3024713

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009536.D

Level: (low/med) LOW Date Received: 5/21/2003

% Moisture: not dec. Date Analyzed: 5/31/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	**VC009535.D**	Sample Name	**3024712**
Operator	**Skelton**	Field ID	**SS#15**
Date Aquired	**31-May-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.70	37077	1.89 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	22.89	48877	3.84 ug/L	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#15**

Lab Name: FMETL NJDEP#: 13461

Project: 2ndQtr Case No.: 30247 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3024712

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009535.D

Level: (low/med) LOW Date Received: 5/21/2003

% Moisture: not dec. Date Analyzed: 5/31/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	VC009537.D	Sample Name	3024714
Operator	Skelton	Field ID	SS#16
Date Aquired	31-May-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.70	36274	1.85 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	22.88	47063	3.68 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#16**

Lab Name: FMETL NJDEP#: 13461

Project: 2ndQtr Case No.: 30247 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3024714

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009537.D

Level: (low/med) LOW Date Received: 5/21/2003

% Moisture: not dec. _____ Date Analyzed: 5/31/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC009525.D**	Sample Name	**3024704**
Operator	**Skelton**	Field ID	**SS#22**
Date Aquired	**30-May-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

6/5/2003 3:09 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#22**

Lab Name: FMETL NJDEP#: 13461

Project: 2ndQtr Case No.: 30247 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3024704

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009525.D

Level: (low/med) LOW Date Received: 5/21/2003

% Moisture: not dec. Date Analyzed: 5/30/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC009528.D**	Sample Name	**3024705**
Operator	**Skelton**	Field ID	**SS#21**
Date Aquired	**30-May-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	11.78	45868	1.34 ug/L	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#21**

Lab Name: FMETL NJDEP#: 13461

Project: 2ndQtr Case No.: 30247 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3024705

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009528.D

Level: (low/med) LOW Date Received: 5/21/2003

% Moisture: not dec. Date Analyzed: 5/30/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC009529.D**	Sample Name	**3024706**
Operator	**Skelton**	Field ID	**SS#20**
Date Aquired	**30-May-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	11.76	46326	1.37 ug/L	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#20**

Lab Name: FMETL NJDEP#: 13461

Project: 2ndQtr Case No.: 30247 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3024706

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009529.D

Level: (low/med) LOW Date Received: 5/21/2003

% Moisture: not dec. Date Analyzed: 5/30/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC009530.D**	Sample Name	**3024707**
Operator	**Skelton**	Field ID	**SS#09**
Date Aquired	**31-May-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.70	28820	1.48 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

6/5/2003 3:10 PM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#09**

Lab Name: FMETL NJDEP#: 13461

Project: 2ndQtr Case No.: 30247 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3024707

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009530.D

Level: (low/med) LOW Date Received: 5/21/2003

% Moisture: not dec. _____ Date Analyzed: 5/31/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC009531.D**	Sample Name	**3024708**
Operator	**Skelton**	Field ID	**SS#19**
Date Aquired	**31-May-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.71	59154	3.07 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#19**

Lab Name: FMETL NJDEP#: 13461

Project: 2ndQtr Case No.: 30247 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3024708

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009531.D

Level: (low/med) LOW Date Received: 5/21/2003

% Moisture: not dec. Date Analyzed: 5/31/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	**VC009532.D**	Sample Name	**3024709**
Operator	**Skelton**	Field ID	**SS#12**
Date Aquired	**31-May-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.70	72817	3.90 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	15.59	33569	1.31 ug/L	5.67	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#12**

Lab Name: FMETL NJDEP#: 13461

Project: 2ndQtr Case No.: 30247 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3024709

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009532.D

Level: (low/med) LOW Date Received: 5/21/2003

% Moisture: not dec. Date Analyzed: 5/31/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	**VC009533.D**	Sample Name	**3024710**
Operator	**Skelton**	Field ID	**SS#18**
Date Aquired	**31-May-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.70	73904	3.92 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	15.58	33816	1.31 ug/L	5.67	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

C:\HPCHEM\CUSTRPT\VOLATILE\FRESHWATER03.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#18**

Lab Name: FMETL NJDEP#: 13461

Project: 2ndQtr Case No.: 30247 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3024710

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009533.D

Level: (low/med) LOW Date Received: 5/21/2003

% Moisture: not dec. Date Analyzed: 5/31/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	**VC009534.D**	Sample Name	**3024711**
Operator	**Skelton**	Field ID	**SS#11**
Date Aquired	**31-May-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride	5.16	24686	1.41 ug/L	0.083	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.71	281273	14.79 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#11**

Lab Name: FMETL NJDEP#: 13461

Project: 2ndQtr Case No.: 30247 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3024711

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009534.D

Level: (low/med) LOW Date Received: 5/21/2003

% Moisture: not dec. _____ Date Analyzed: 5/31/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	VC009540.D	Sample Name	3024717
Operator	Skelton	Field ID	SS#07
Date Aquired	31-May-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	22.89	31503	2.67 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#07**

Lab Name: FMETL NJDEP#: 13461

Project: 2ndQtr Case No.: 30247 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3024717

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009540.D

Level: (low/med) LOW Date Received: 5/21/2003

% Moisture: not dec. Date Analyzed: 5/31/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC009541.D**	Sample Name	**3024718**
Operator	**Skelton**	Field ID	**SS#17**
Date Aquired	**31-May-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#17**

Lab Name: FMETL NJDEP#: 13461

Project: 2ndQtr Case No.: 30247 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3024718

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009541.D

Level: (low/med) LOW Date Received: 5/21/2003

% Moisture: not dec. Date Analyzed: 5/31/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	VC009542.D	Sample Name	3024719
Operator	Skelton	Field ID	SS#03
Date Aquired	31-May-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

C:\HPCHEM\CUSTRPT\VOLATILE\FRESHWATER03.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#03**

Lab Name: FMETL NJDEP#: 13461

Project: 2ndQtr Case No.: 30247 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3024719

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009542.D

Level: (low/med) LOW Date Received: 5/21/2003

% Moisture: not dec. Date Analyzed: 5/31/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	**VC009543.D**	Sample Name	**3024720**
Operator	**Skelton**	Field ID	**SS#14**
Date Aquired	**31-May-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#14**

Lab Name: FMETL NJDEP#: 13461

Project: 2ndQtr Case No.: 30247 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3024720

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009543.D

Level: (low/med) LOW Date Received: 5/21/2003

% Moisture: not dec. Date Analyzed: 5/31/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	VC009544.D	Sample Name	3024721
Operator	Skelton	Field ID	SS#23
Date Aquired	31-May-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.71	35640	2.03 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	22.88	47702	4.06 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#23**

Lab Name: FMETL NJDEP#: 13461

Project: 2ndQtr Case No.: 30247 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3024721

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009544.D

Level: (low/med) LOW Date Received: 5/21/2003

% Moisture: not dec. Date Analyzed: 5/31/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	VC009545.D	Sample Name	3024722
Operator	Skelton	Field ID	SS#24
Date Aquired	31-May-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.71	35504	1.98 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	22.89	45493	3.94 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#24**

Lab Name: FMETL NJDEP#: 13461

Project: 2ndQtr Case No.: 30247 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3024722

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009545.D

Level: (low/med) LOW Date Received: 5/21/2003

% Moisture: not dec. _____ Date Analyzed: 5/31/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	VC009546.D	Sample Name	3024723
Operator	Skelton	Field ID	SS#25
Date Aquired	31-May-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#25**

Lab Name: FMETL NJDEP#: 13461

Project: 2ndQtr Case No.: 30247 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3024723

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009546.D

Level: (low/med) LOW Date Received: 5/21/2003

% Moisture: not dec. Date Analyzed: 5/31/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC009557.D**	Sample Name	**3024724**
Operator	**Skelton**	Field ID	**SS#26**
Date Aquired	**2-Jun-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#26**

Lab Name: FMETL NJDEP#: 13461

Project: 2ndQtr Case No.: 30247 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3024724

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009557.D

Level: (low/med) LOW Date Received: 5/21/2003

% Moisture: not dec. Date Analyzed: 6/2/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 005989-54-8	Cyclohexene, 1-methyl-4-(1-meth	30.18	5	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC009558.D**	Sample Name	**3024725**
Operator	**Skelton**	Field ID	**SS#27**
Date Aquired	**2-Jun-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.71	26314	1.38 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	22.88	35730	2.68 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#27**

Lab Name: FMETL NJDEP#: 13461

Project: 2ndQtr Case No.: 30247 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3024725

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009558.D

Level: (low/med) LOW Date Received: 5/21/2003

% Moisture: not dec. Date Analyzed: 6/2/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	VC009559.D	Sample Name	3024726
Operator	Skelton	Field ID	SS#28
Date Aquired	2-Jun-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.70	27095	1.50 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	22.89	32594	2.58 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#28**

Lab Name: FMETL NJDEP#: 13461

Project: 2ndQtr Case No.: 30247 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3024726

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC009559.D

Level: (low/med) LOW Date Received: 5/21/2003

% Moisture: not dec. Date Analyzed: 6/2/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

U.S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

TABULATED ANALYTICAL REPORT
SW 846 608
Pesticides/PCB

mb 052303

Matrix: Aqueous
Date Extracted: 5/23/2003
Ext. Batch: 052303
Filename: 01341.D
Date Analysed: 5/30/2003

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.0011
319-85-7	beta-BHC	ND	0.0050
58-89-9	gamma-BHC	ND	0.0013
319-86-8	delta-BHC	ND	0.0016
76-44-8	Heptachlor	ND	0.0035
309-00-2	Aldrin	ND	0.0026
1024-57-3	Heptachlor epoxide	ND	0.0020
5103-71-9	gamma-Chlordane	ND	0.0007
5103-74-2	alpha-Chlordane	ND	0.0036
959-98-8	Endosulfan I	ND	0.0016
72-55-9	4,4'-DDE	ND	0.0021
60-57-1	Dieldrin	ND	0.0020
72-20-8	Endrin	ND	0.0032
33213-65-9	Endosulfan II	ND	0.0022
72-54-8	4,4'-DDD	ND	0.0020
7421-93-4	Endrin aldehyde	ND	0.0100
50-29-3	4,4'-DDT	ND	0.0052
1031-07-8	Endosulfan sulfate	ND	0.0026
53494-70-5	Endrin ketone	ND	0.0026
72-43-5	Methoxychlor	ND	0.0100
8001-35-2	Toxaphene	ND	0.0157
12674-11-2	Arochlor 1016	ND	0.0683
11104-28-2	Arochlor 1221	ND	0.0666
11141-16-5	Arochlor 1232	ND	0.0648
53469-21-9	Arochlor 1242	ND	0.0485
12672-29-6	Arochlor 1248	ND	0.0544
11097-69-1	Arochlor 1254	ND	0.0608
11096-82-5	Arochlor 1260	ND	0.0732

MDL = METHOD DETECTION LIMIT
ND =NOT DETECTED, BELOW MDL

Initial vol. (ml): 1000.00
Final vol. (ml): 10

U.S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

TABULATED ANALYTICAL REPORT
SW 846 608
Pesticides/PCB

mb 052703

Matrix: Aqueous
Date Extracted: 5/27/2003
Ext. Batch: 052703
Filename: 01361.D
Date Analysed: 6/2/2003

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.0011
319-85-7	beta-BHC	ND	0.0050
58-89-9	gamma-BHC	ND	0.0013
319-86-8	delta-BHC	ND	0.0016
76-44-8	Heptachlor	ND	0.0035
309-00-2	Aldrin	ND	0.0026
1024-57-3	Heptachlor epoxide	ND	0.0020
5103-71-9	gamma-Chlordane	ND	0.0007
5103-74-2	alpha-Chlordane	ND	0.0036
959-98-8	Endosulfan I	ND	0.0016
72-55-9	4,4'-DDE	ND	0.0021
60-57-1	Dieldrin	ND	0.0020
72-20-8	Endrin	ND	0.0032
33213-65-9	Endosulfan II	ND	0.0022
72-54-8	4,4'-DDD	ND	0.0020
7421-93-4	Endrin aldehyde	ND	0.0100
50-29-3	4,4'-DDT	ND	0.0052
1031-07-8	Endosulfan sulfate	ND	0.0026
53494-70-5	Endrin ketone	ND	0.0026
72-43-5	Methoxychlor	ND	0.0100
8001-35-2	Toxaphene	ND	0.0157
12674-11-2	Arochlor 1016	ND	0.0683
11104-28-2	Arochlor 1221	ND	0.0666
11141-16-5	Arochlor 1232	ND	0.0648
53469-21-9	Arochlor 1242	ND	0.0485
12672-29-6	Arochlor 1248	ND	0.0544
11097-69-1	Arochlor 1254	ND	0.0608
11096-82-5	Arochlor 1260	ND	0.0732

MDL = METHOD DETECTION LIMIT
ND =NOT DETECTED, BELOW MDL

Initial vol. (ml): 1000.00
Final vol. (ml): 10

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams, 2nd Qrtr. '03
Field ID: FIELDBLANK
Lab ID: 3024702
Filename: 01349.D
Lab Project : 30247

Location: Streams, 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 052303
Date Extracted: 5/23/2003
Date Analyzed: 30-May-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams, 2nd Qrtr. '03
Field ID: Dupe
Lab ID: 3024703
Filename: 01350.D
Lab Project : 30247

Location: Streams, 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 052303
Date Extracted: 5/23/2003
Date Analyzed: 30-May-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams, 2nd Qrtr. '03
Field ID: SS# 04
Lab ID: 3024716
Filename: 01402B.D
Lab Project : 30247

Location: Streams, 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 052703
Date Extracted: 5/27/2003
Date Analyzed: 03-Jun-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams, 2nd Qrtr. '03
Field ID: SS# 05
Lab ID: 3024715
Filename: 01401B.D
Lab Project : 30247

Location: Streams, 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 052703
Date Extracted: 5/27/2003
Date Analyzed: 03-Jun-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams, 2nd Qrtr. '03
Field ID: SS# 13
Lab ID: 3024713
Filename: 01399B.D
Lab Project : 30247

Location: Streams, 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 052703
Date Extracted: 5/27/2003
Date Analyzed: 03-Jun-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams, 2nd Qrtr. '03
Field ID: SS# 15
Lab ID: 3024712
Filename: 01398B.D
Lab Project : 30247

Location: Streams, 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 052703
Date Extracted: 5/27/2003
Date Analyzed: 03-Jun-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams, 2nd Qrtr. '03
Field ID: SS# 16
Lab ID: 3024714
Filename: 01400B.D
Lab Project : 30247

Location: Streams, 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 052703
Date Extracted: 5/27/2003
Date Analyzed: 03-Jun-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams, 2nd Qrtr. '03
Field ID: SS# 22
Lab ID: 3024704
Filename: 01351.D
Lab Project : 30247

Location: Streams, 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 052303
Date Extracted: 5/23/2003
Date Analyzed: 30-May-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client:	U.S. Army, DPW, SELFM-PW-EV	**Location:**	Streams, 2nd Qrtr. '03
Project Name:	Streams, 2nd Qrtr. '03	**MATRIX:**	Aqueous
Field ID:	SS# 21	**Ext. Batch:**	052303
Lab ID:	3024705	**Date Extracted:**	5/23/2003
Filename:	01352.D	**Date Analyzed:**	30-May-03
Lab Project :	30247	**Dilution:**	1
		Analyst:	A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams, 2nd Qrtr. '03
Field ID: SS# 20
Lab ID: 3024706
Filename: 01353.D
Lab Project : 30247

Location: Streams, 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 052303
Date Extracted: 5/23/2003
Date Analyzed: 31-May-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams, 2nd Qrtr. '03
Field ID: SS# 09
Lab ID: 3024707
Filename: 01354.D
Lab Project : 30247

Location: Streams, 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 052303
Date Extracted: 5/23/2003
Date Analyzed: 31-May-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams, 2nd Qrtr. '03
Field ID: SS# 19
Lab ID: 3024708
Filename: 01363.D
Lab Project : 30247

Location: Streams, 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 052703
Date Extracted: 5/27/2003
Date Analyzed: 02-Jun-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams, 2nd Qrtr. '03
Field ID: SS# 12
Lab ID: 3024709
Filename: 01364.D
Lab Project : 30247

Location: Streams, 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 052703
Date Extracted: 5/27/2003
Date Analyzed: 02-Jun-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams, 2nd Qrtr. '03
Field ID: SS# 18
Lab ID: 3024710
Filename: 01365.D
Lab Project : 30247

Location: Streams, 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 052703
Date Extracted: 5/27/2003
Date Analyzed: 02-Jun-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams, 2nd Qrtr. '03
Field ID: SS# 11
Lab ID: 3024711
Filename: 01366.D
Lab Project : 30247

Location: Streams, 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 052703
Date Extracted: 5/27/2003
Date Analyzed: 02-Jun-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams, 2nd Qrtr. '03
Field ID: SS# 07
Lab ID: 3024717
Filename: 01403B.D
Lab Project : 30247

Location: Streams, 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 052703
Date Extracted: 5/27/2003
Date Analyzed: 03-Jun-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams, 2nd Qrtr. '03
Field ID: SS# 17
Lab ID: 3024718
Filename: 01404B.D
Lab Project : 30247

Location: Streams, 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 052703
Date Extracted: 5/27/2003
Date Analyzed: 03-Jun-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams, 2nd Qrtr. '03
Field ID: SS# 03
Lab ID: 3024719
Filename: 01405B.D
Lab Project : 30247

Location: Streams, 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 052703
Date Extracted: 5/27/2003
Date Analyzed: 03-Jun-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams, 2nd Qrtr. '03
Field ID: SS# 14
Lab ID: 3024720
Filename: 01406B.D
Lab Project : 30247

Location: Streams, 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 052703
Date Extracted: 5/27/2003
Date Analyzed: 03-Jun-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams, 2nd Qrtr. '03
Field ID: SS# 23
Lab ID: 3024721
Filename: 01407B.D
Lab Project : 30247

Location: Streams, 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 052703
Date Extracted: 5/27/2003
Date Analyzed: 03-Jun-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client:	U.S. Army, DPW, SELFM-PW-EV	Location:	Streams, 2nd Qrtr. '03
Project Name:	Streams, 2nd Qrtr. '03	MATRIX:	Aqueous
Field ID:	SS# 24	Ext. Batch:	052703
Lab ID:	3024722	Date Extracted:	5/27/2003
Filename:	01408B.D	Date Analyzed:	03-Jun-03
Lab Project :	30247	Dilution:	1
		Analyst:	A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams, 2nd Qrtr. '03
Field ID: SS# 25
Lab ID: 3024723
Filename: 01409B.D
Lab Project : 30247

Location: Streams, 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 052703
Date Extracted: 5/27/2003
Date Analyzed: 03-Jun-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams, 2nd Qrtr. '03
Field ID: SS# 26
Lab ID: 3024724
Filename: 01410B.D
Lab Project : 30247

Location: Streams, 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 052703
Date Extracted: 5/27/2003
Date Analyzed: 03-Jun-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams, 2nd Qrtr. '03
Field ID: SS# 27
Lab ID: 3024725
Filename: 01411B.D
Lab Project : 30247

Location: Streams, 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 052703
Date Extracted: 5/27/2003
Date Analyzed: 03-Jun-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.

173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams, 2nd Qrtr. '03
Field ID: SS# 28
Lab ID: 3024726
Filename: 01412B.D
Lab Project : 30247

Location: Streams, 2nd Qrtr. '03
MATRIX: Aqueous
Ext. Batch: 052703
Date Extracted: 5/27/2003
Date Analyzed: 03-Jun-03
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.01	0.02		0.0011
319-85-7	beta-BHC	ND	0.01	0.20		0.0050
58-89-9	gamma-BHC	ND	0.01	0.20		0.0013
319-86-8	delta-BHC	ND	0.01	NLE		0.0016
76-44-8	Heptachlor	ND	0.01	0.40		0.0035
309-00-2	Aldrin	ND	0.01	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.01	0.20		0.0020
5103-71-9	gamma-Chlordane	ND	0.01	0.50		0.0007
5103-74-2	alpha-Chlordane	ND	0.01	0.50		0.0036
959-98-8	Endosulfan I	ND	0.01	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.01	0.10		0.0021
60-57-1	Dieldrin	ND	0.01	0.03		0.0020
72-20-8	Endrin	ND	0.01	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.01	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.01	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.01	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.01	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.50	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.50	0.01		0.0026
72-43-5	Methoxychlor	ND	0.50	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.5		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000.0
Final Vol.(ml) 10.0

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

Stream Water Analysis
1st Quarter 2003

Sample ID	Date Sampled	Stream Site#	pH	Ammonia (mg/L)	Nitrates (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	DO (mg/L)	T.Coliform (cfu/100ml)	F.Coliform (cfu/100ml)	% Salinity
3024704	05/21/03	22	7.80	0.10	ND	0.19	495	8.31	60	0	24
3024705	05/21/03	21	7.80	0.22	0.27	0.23	860	8.36	120	0	25
3024706	05/21/03	20	7.77	0.23	ND	0.21	940	8.40	120	60	24
3024707	05/21/03	09	7.63	0.18	0.83	0.29	75.0	8.56	440	20	16
3024708	05/21/03	19	7.59	ND	0.81	0.08	20.4	8.62	100	0	0
3024709	05/21/03	12	7.60	ND	0.85	0.06	21.4	8.10	460	0	0
3024710	05/21/03	18	7.62	ND	0.96	0.08	21.9	8.09	260	20	0
3024711	05/21/03	11	7.67	0.18	1.17	0.13	20.4	8.71	1120	0	0
3024712	05/21/03	15	7.81	0.42	0.85	0.41	27.3	8.63	760	100	0
3024713	05/21/03	13	7.79	0.46	0.90	0.18	30.8	8.69	240	0	0
3024714	05/21/03	16	7.83	0.47	0.81	0.36	30.5	8.63	680	60	7
3024715	05/21/03	05	7.76	0.39	0.91	0.31	29.6	8.47	1540	40	11
3024716	05/21/03	04	7.78	0.47	0.74	0.46	31.4	8.51	480	40	12
3024717	05/21/03	07	7.74	0.56	0.88	0.50	29.8	8.60	780	60	10
3024718	05/21/03	17	7.65	0.34	0.79	0.41	25.3	8.63	13200	0	6
3024719	05/21/03	03	7.50	0.31	0.94	0.54	24.6	8.79	13200	100	0
3024720	05/21/03	14	7.49	0.21	1.01	0.31	23.7	8.79	2420	140	0
3024721	05/21/03	23	7.81	0.44	0.45	0.32	29.2	8.70	1880	100	0
3024722	05/21/03	24	7.83	0.48	0.60	0.30	29.4	8.60	2580	60	0
324723	05/21/03	25	7.66	0.38	0.87	0.51	23.5	8.62	3200	40	10
3024724	05/21/03	26	7.68	0.37	0.78	0.50	23.9	8.66	2960	0	12
3024725	05/21/03	27	7.69	0.43	0.98	0.39	34.4	8.54	320	20	15
3024726	05/21/03	28	7.76	0.44	0.47	0.35	31.7	8.63	480	0	14

mg/L = Parts Per Million
cfu = Colony Forming Units
ND = Not detected
TNTC = Too Numerous to Count

Completed: 04/21/03
Reviewed: 04/21/03

6-16-03

Daniel K. Wright
Laboratory Director

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
07/17/1997	FMETL	ND	ND	ND	ND						
10/30/1997	FMETL	ND	ND	ND	ND						
02/10/1998	FMETL	ND	ND	ND	ND						
04/21/1998	FMETL	ND	ND	ND	ND						
08/19/1998	FMETL	ND	ND	ND	ND						
11/18/1998	FMETL	ND	ND	1.09	ND						
02/25/1999	FMETL	ND	ND	ND	ND						
06/29/1999	FMETL	ND	ND	ND	ND						
09/22/1999	FMETL	ND	ND	ND	ND						
12/09/1999	FMETL	ND	ND	ND	ND						
03/01/2000	FMETL	ND	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	ND	ND	ND	ND						
11/20/2000	FMETL	ND	ND	ND	ND						
03/08/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/05/2002	FMETL	ND	ND	ND	ND						V,P
03/24/2003	FMETL	ND	ND	ND	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND					V,P

SOURCE: 3

Sampling Dates:
07/17/1997 - 05/21/2003

NOTES:

Stream 3 is Fresh-Water.
MeCl limit is 2.49 ug/L.
PCE limit is 0.388 ug/L.

Page 1 of 1

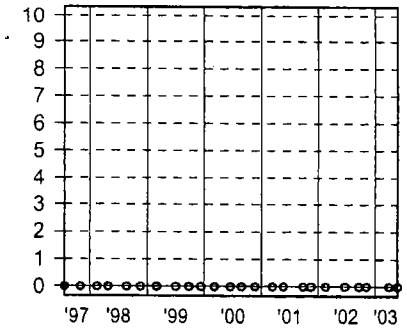
Fort Monmouth

GW Monitoring
Streams

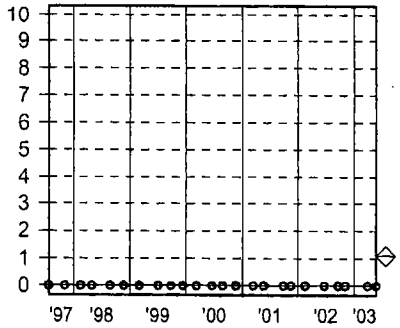
Source 1 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

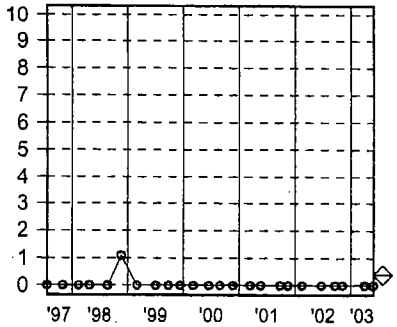
cis-1,2-Dichloroethene
(ug/l)



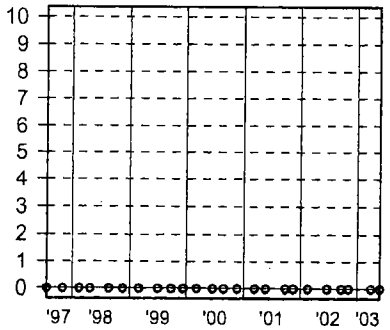
Trichloroethene
(ug/l)



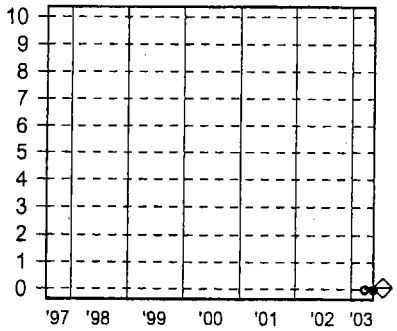
Tetrachloroethene
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Vinyl Chloride
(ug/l)



SOURCE: 3

Sampling Dates:
07/17/1997 - 05/21/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 1 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	2.18	ND	ND	ND						
07/17/1997	FMETL	1.63	ND	1.61	ND						
10/30/1997	FMETL	ND	ND	1.24	ND						
02/10/1998	FMETL	ND	ND	6.61	ND						
04/21/1998	FMETL	ND	ND	4.42	ND						
08/19/1998	FMETL	1.92	1.10	2.85	ND						
11/17/1998	FMETL	1.19	ND	1.62	ND						
02/25/1999	FMETL	ND	ND	5.61	ND						
06/29/1999	FMETL	2.41	1.56	5.27	ND						
09/22/1999	FMETL	2.02	ND	1.85	ND						
12/09/1999	FMETL	ND	ND	ND	ND						
03/01/2000	FMETL	1.23	1.26	6.18	2.18						
06/12/2000	FMETL	ND	ND	4.37	ND						
08/24/2000	FMETL	1.19	1.19	3.19	ND						
11/20/2000	FMETL	ND	ND	3.70	ND						-
03/08/2001	FMETL	ND	ND	2.52	ND						-
05/16/2001	FMETL	ND	ND	2.95	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	1.64	ND						V
06/18/2002	FMETL	ND	ND	1.97	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND						V,P
03/13/2003	FMETL	0.57	0.51	2.33	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND					V,P

SOURCE: 4

Sampling Dates:
04/08/1997 - 05/21/2003

NOTES:

PAGE 1 OF 1
Stream 4 is Salt-Water.
MTBE limit is NLE
cis-1,2-Di limit is NLE
TCE limit is 81
PCE limit is 4.29

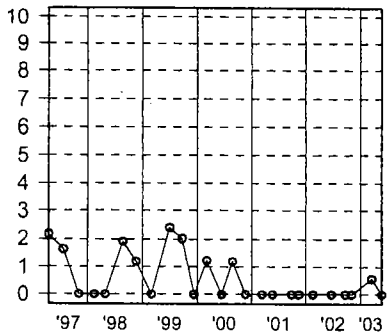
Fort Monmouth

GW Monitoring
Streams

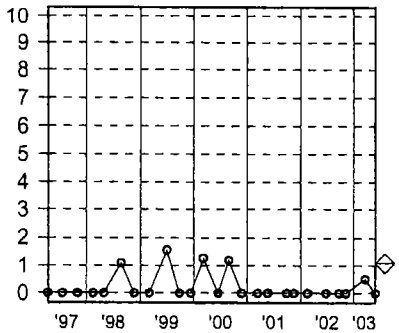
Source 2 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

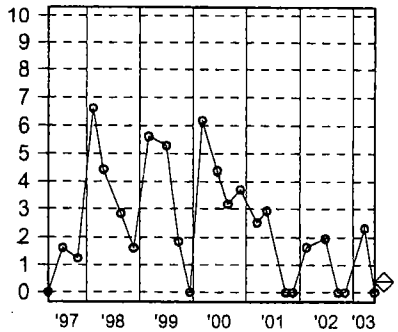
cis-1,2-Dichloroethene
(ug/l)



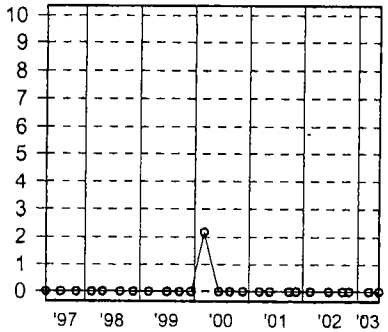
Trichloroethene
(ug/l)



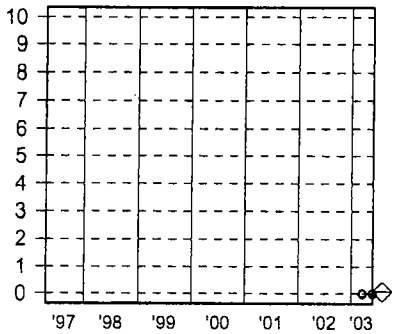
Tetrachloroethene
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Vinyl Chloride
(ug/l)



SOURCE: 4

Sampling Dates:
04/08/1997 - 05/21/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 2 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	1.80	ND	2.28	ND						
07/17/1997	FMETL	3.66	ND	3.54	ND						
10/30/1997	FMETL	1.83	ND	1.70	ND						
02/10/1998	FMETL	ND	ND	6.34	ND						
04/21/1998	FMETL	ND	ND	4.48	ND						
08/19/1998	FMETL	2.28	1.27	3.39	ND						
11/17/1998	FMETL	1.67	ND	2.17	ND						
02/25/1999	FMETL	ND	ND	5.45	ND						
06/29/1999	FMETL	2.74	1.74	6.04	ND						
09/22/1999	FMETL	1.96	ND	1.82	ND						
12/09/1999	FMETL	1.60	ND	3.82	ND						
03/01/2000	FMETL	1.27	1.36	6.62	2.34						
06/12/2000	FMETL	ND	ND	4.38	ND						
08/24/2000	FMETL	1.19	ND	3.44	ND						
11/20/2000	FMETL	ND	ND	3.58	ND						-
03/08/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	0.97	ND	4.09	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	1.51	ND	1.99	ND						-
02/11/2002	FMETL	ND	ND	2.44	ND						V
06/18/2002	FMETL	ND	ND	2.39	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND						V,P
03/13/2003	FMETL	0.81	0.71	3.08	ND	ND					V,P
05/21/2003	FMETL	ND	ND	3.54	ND	ND					V,P

SOURCE: 5

Sampling Dates:
04/08/1997 - 05/21/2003

NOTES:

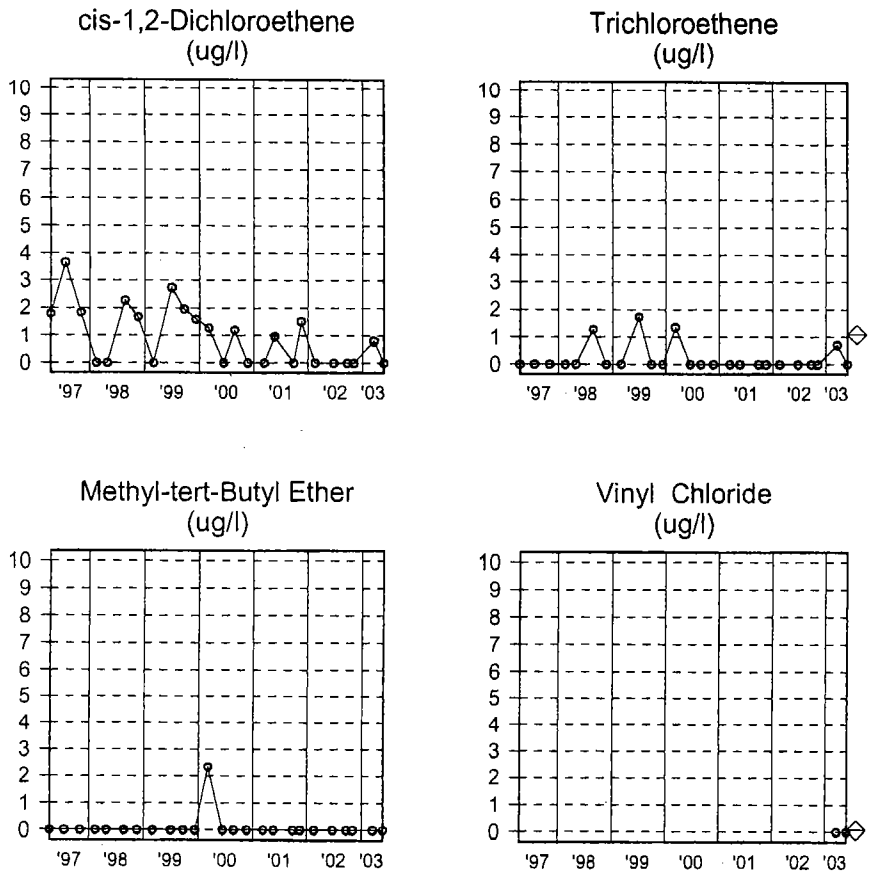
Page 1 of 1
Stream 5 is Salt-Water.
MeCl limit is 1600 ug/L.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 3 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 5

Sampling Dates:
04/08/1997 - 05/21/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 3 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-13-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	ND	ND	ND	ND						
07/17/1997	FMETL	1.14	ND	1.08	ND						
10/30/1997	FMETL	ND	ND	ND	ND						
02/10/1998	FMETL	ND	ND	2.04	ND						
04/21/1998	FMETL	ND	ND	2.40	ND						
08/19/1998	FMETL	ND	ND	ND	ND						
11/17/1998	FMETL	ND	ND	ND	ND						
02/25/1999	FMETL	ND	ND	2.85	ND						
06/29/1999	FMETL	ND	ND	1.42	2.00						
09/22/1999	FMETL	ND	ND	ND	ND						
12/09/1999	FMETL	ND	ND	ND	ND						
03/01/2000	FMETL	1.19	1.30	6.47	2.14						
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	ND	ND	1.77	ND						
11/20/2000	FMETL	ND	ND	1.94	ND						-
03/08/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND						V,P
03/13/2003	FMETL	ND	ND	1.61	ND	ND					V,P
05/21/2003	FMETL	ND	ND	2.67	ND	ND					V,P

SOURCE: 7

Sampling Dates:
04/08/1997 - 05/21/2003

NOTES:

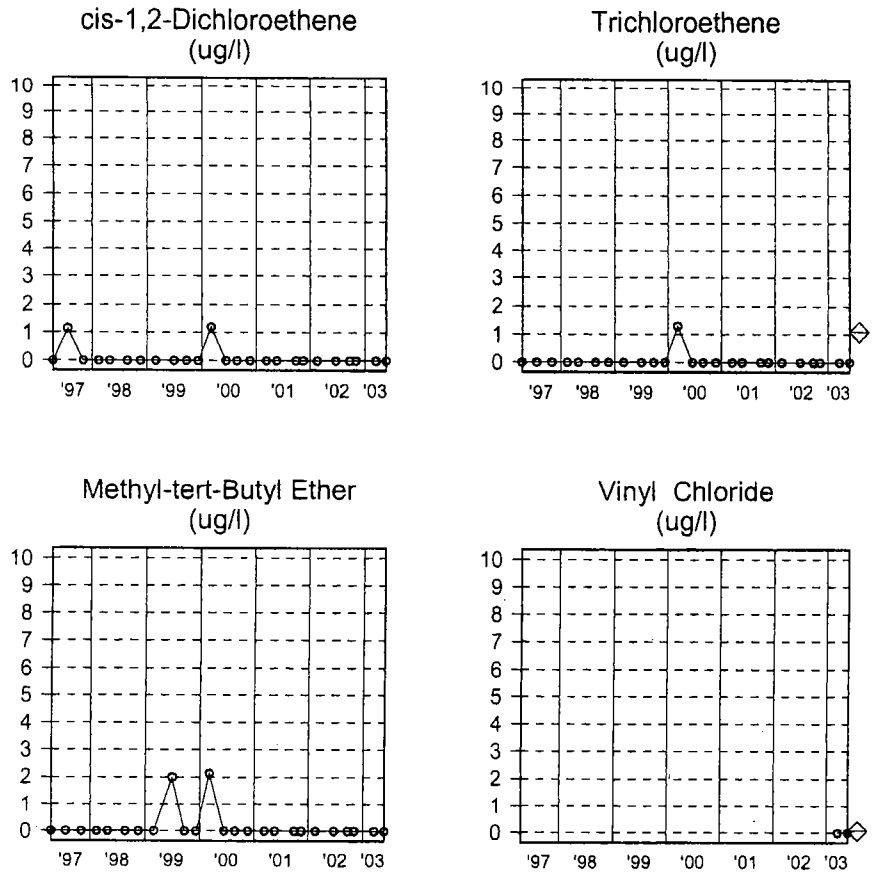
Page 1 of 1
Stream 7 is Salt-Water.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.
Acetone limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 4 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 7

Sampling Dates:
04/08/1997 - 05/21/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 4 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-13-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	2.78	ND	ND	ND						
07/17/1997	FMETL	ND	ND	ND	ND						
10/30/1997	FMETL	2.14	ND	ND	ND						
02/10/1998	FMETL	6.00	ND	ND	ND						
04/21/1998	FMETL	4.73	ND	ND	ND						
08/19/1998	FMETL	1.69	ND	ND	ND						
11/17/1998	FMETL	ND	ND	ND	ND						
02/25/1999	FMETL	1.78	ND	ND	ND						
06/29/1999	FMETL	ND	ND	ND	ND						
09/21/1999	FMETL	1.91	ND	ND	ND						
12/09/1999	FMETL	ND	ND	ND	ND						
03/01/2000	FMETL	2.17	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	1.11	ND	ND	ND						
11/20/2000	FMETL	ND	ND	ND	ND						-
11/20/2000D	FMETL	ND	ND	ND	ND						-
02/21/2001	FMETL	1.72	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/11/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	1.24	ND	ND	ND						V,P
03/13/2003	FMETL	9.40	ND	ND	ND	ND					V,P
05/21/2003	FMETL	1.48	ND	ND	ND	ND					V,P

SOURCE: 9

Sampling Dates:
04/08/1997 - 05/21/2003

NOTES:

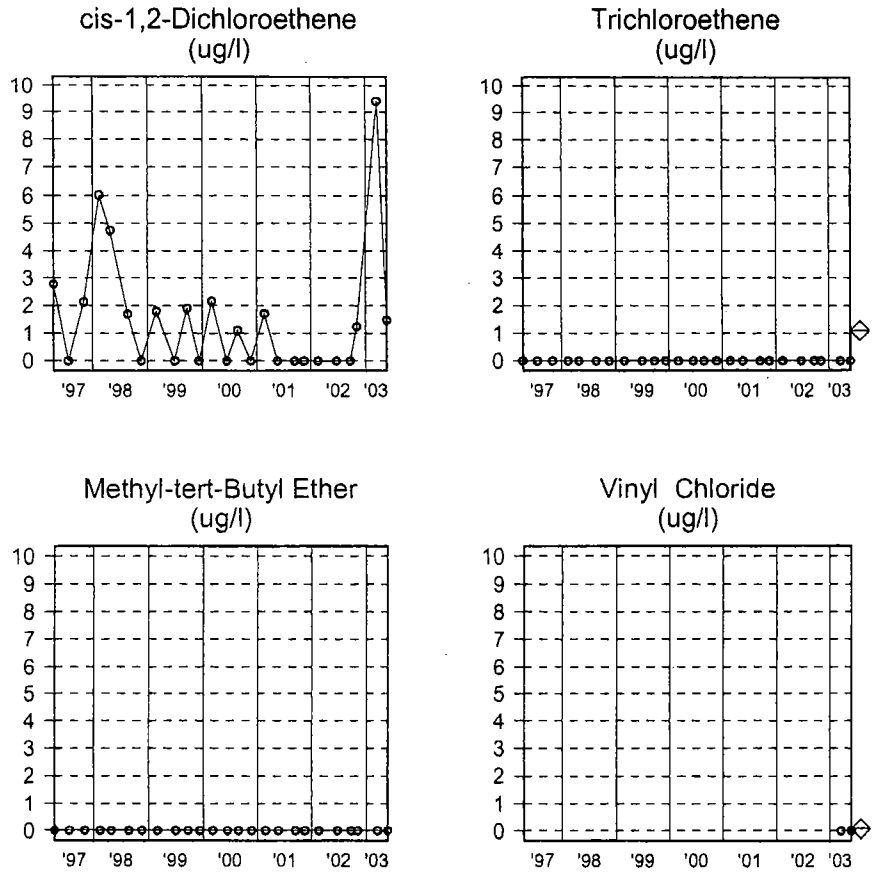
PAGE 1 OF 1
Stream 9 is Salt-Water.
MeCl limit is 1600 ug/L.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 5 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 9

Sampling Dates:
04/08/1997 - 05/21/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 5 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-13-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	18.72	1.58	ND	ND						
07/17/1997	FMETL	14.13	ND	ND	ND						
10/30/1997	FMETL	18.23	ND	ND	ND						
02/10/1998	FMETL	24.71	2.14	ND	ND						
04/21/1998	FMETL	21.66	1.82	ND	ND						
08/19/1998	FMETL	11.73	ND	ND	ND						
11/18/1998	FMETL	8.82	ND	ND	ND						
02/25/1999	FMETL	9.11	ND	ND	ND						
06/29/1999	FMETL	5.77	ND	ND	ND						
09/21/1999	FMETL	15.62	ND	ND	ND						
12/09/1999	FMETL	11.90	ND	ND	ND						
03/01/2000	FMETL	11.01	ND	ND	1.64						
06/12/2000	FMETL	8.03	ND	ND	ND						
08/24/2000	FMETL	9.08	ND	ND	ND						
08/24/2000D	FMETL	8.70	ND	ND	ND						
11/20/2000	FMETL	5.34	ND	ND	ND						-
02/21/2001	FMETL	8.26	ND	ND	ND						-
05/16/2001	FMETL	5.21	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	1.93	ND	ND	ND						-
02/11/2002	FMETL	1.05	ND	ND	ND						V
06/18/2002	FMETL	3.08	ND	ND	ND						V,P
09/18/2002	FMETL	4.17	ND	ND	ND						V,P
11/05/2002	FMETL	7.48	ND	ND	ND	1.33					V,P
03/13/2003	FMETL	24.28	0.67	ND	0.79	3.37					V,P
05/21/2003	FMETL	14.79	ND	ND	ND	1.41					V,P

SOURCE: 11

Sampling Dates:
04/08/1997 - 05/21/2003

NOTES:

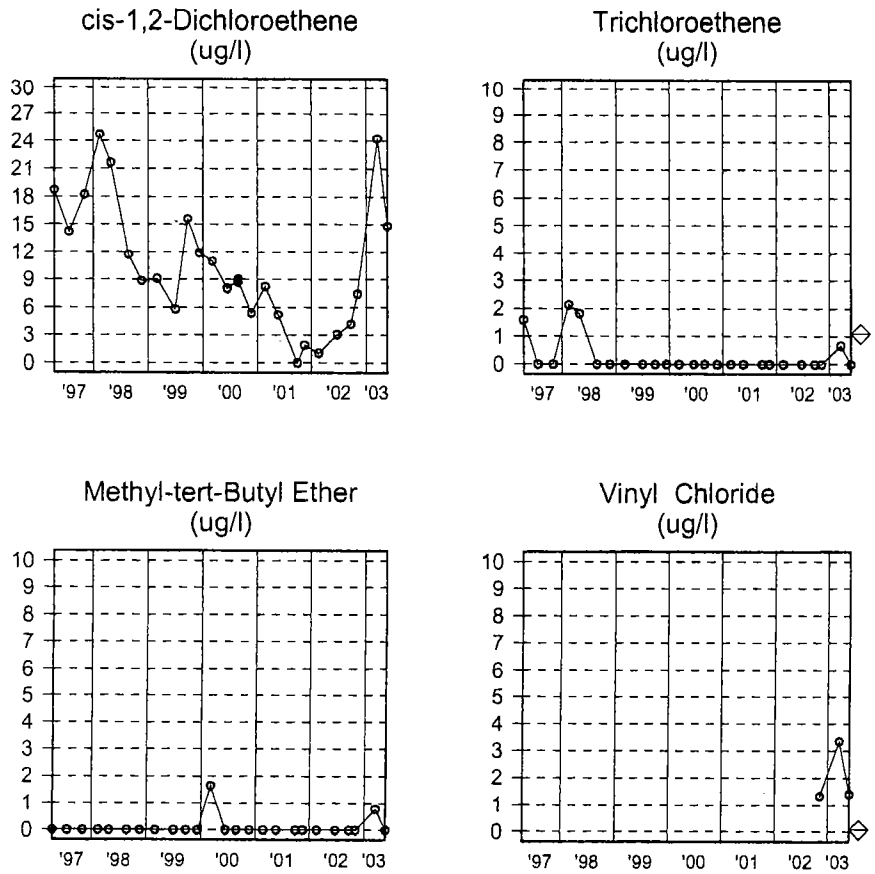
Page 1 of1
Stream 11 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09 ug/L.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 6 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 11

Sampling Dates:
04/08/1997 - 05/21/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 6 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	6.63	ND	ND	ND						
07/17/1997	FMETL	ND	ND	ND	ND						
10/30/1997	FMETL	5.67	ND	ND	ND						
02/10/1998	FMETL	6.54	ND	ND	ND						
04/21/1998	FMETL	ND	ND	ND	ND						
08/19/1998	FMETL	4.58	ND	ND	ND						
11/18/1998	FMETL	2.48	ND	ND	ND						
02/25/1999	FMETL	1.80	ND	ND	ND						
06/29/1999	FMETL	1.39	ND	ND	ND						
09/21/1999	FMETL	3.67	ND	ND	ND						
12/09/1999	FMETL	2.74	ND	ND	ND						
03/01/2000	FMETL	3.13	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	2.00	ND	ND	ND						
11/20/2000	FMETL	1.87	ND	ND	ND						-
02/21/2001	FMETL	1.89	ND	ND	ND						-
05/16/2001	FMETL	1.66	ND	ND	ND						-
05/16/2001D	FMETL	1.72	ND	ND	ND						-
09/11/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/05/2002	FMETL	5.16	ND	ND	ND	ND					V,P
03/13/2003	FMETL	9.43	ND	ND	1.18	1.30					V,P
05/21/2003	FMETL	3.90	ND	ND	ND	ND					V,P

SOURCE: 12

Sampling Dates:
04/08/1997 - 05/21/2003

NOTES:

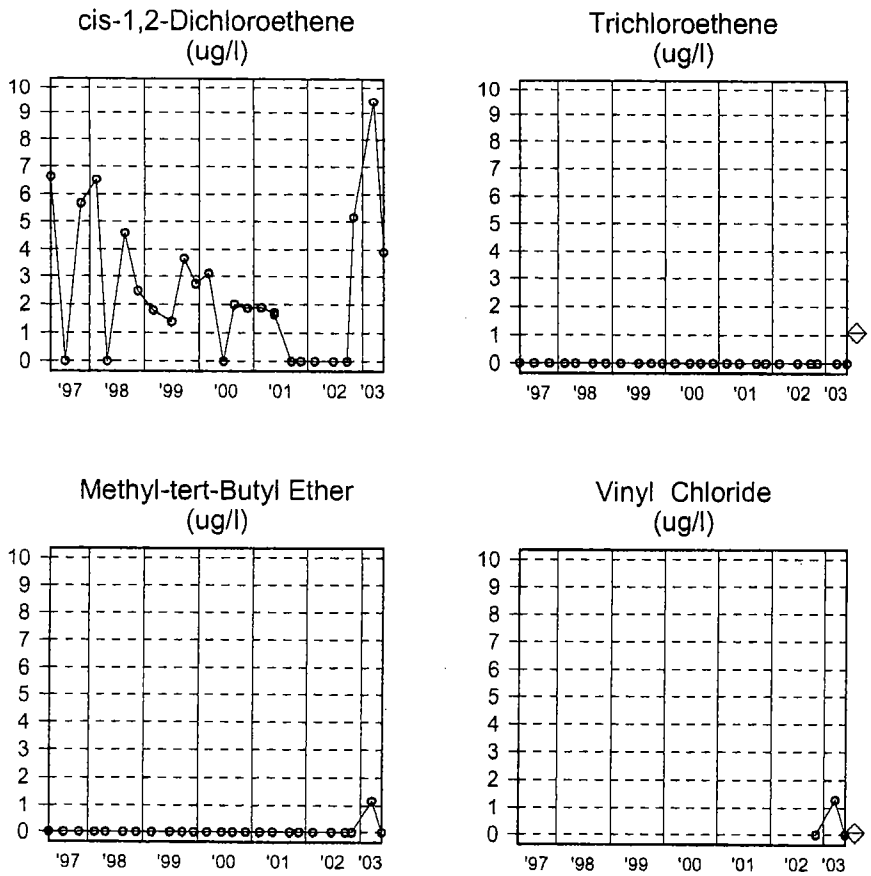
Page 1 of 1
Stream 12 is Fresh-Water.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 7 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 12

Sampling Dates:
04/08/1997 - 05/21/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 7 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-13-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	ND	ND	ND	ND						
07/17/1997	FMETL	ND	ND	ND	ND						
10/30/1997	FMETL	ND	ND	ND	ND						
02/10/1998	FMETL	ND	ND	ND	ND						
04/21/1998	FMETL	ND	ND	ND	ND						
08/19/1998	FMETL	ND	ND	ND	ND						
11/18/1998	FMETL	ND	ND	ND	ND						
02/25/1999	FMETL	ND	ND	ND	ND						
06/29/1999	FMETL	ND	ND	ND	ND						
09/22/1999	FMETL	ND	ND	ND	ND						
12/09/1999	FMETL	ND	ND	3.94	ND						
03/01/2000	FMETL	1.35	1.40	6.92	2.40						
06/12/2000	FMETL	ND	ND	5.56	ND						
08/24/2000	FMETL	2.17	1.78	5.40	ND						
11/20/2000	FMETL	ND	ND	6.58	ND						-
02/21/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/05/2002	FMETL	ND	ND	1.46	ND	ND					V,P
03/24/2003	FMETL	ND	ND	ND	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND					V,P

SOURCE: 13

Sampling Dates:
04/08/1997 - 05/21/2003

NOTES:

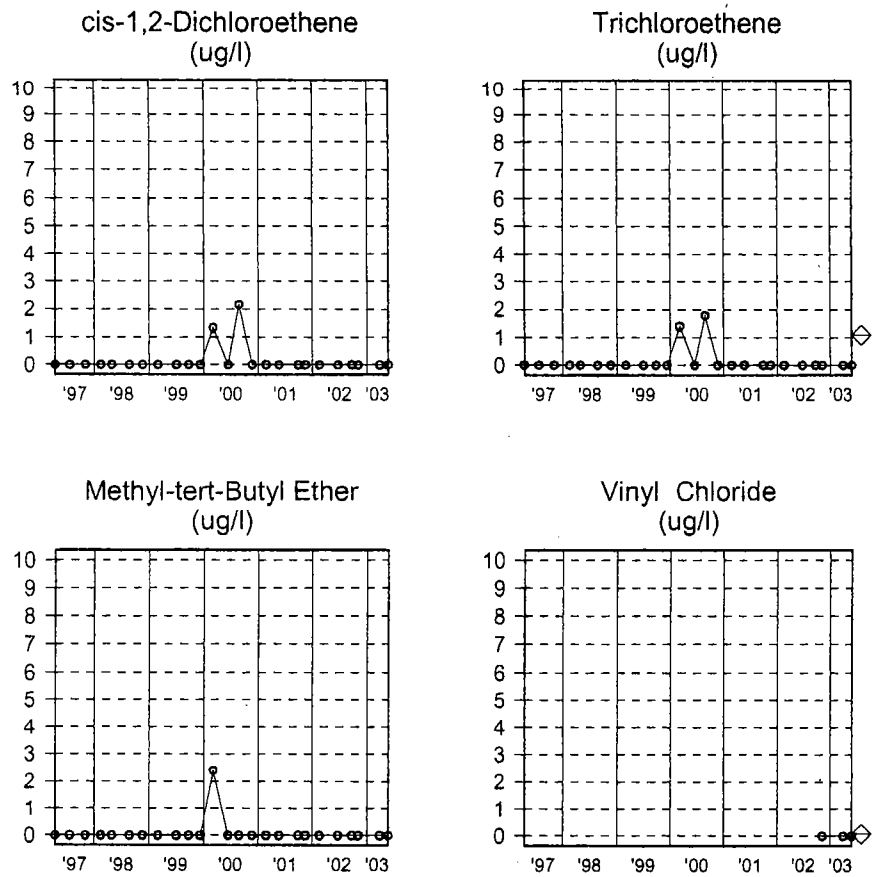
Page 1 of 1
Stream 13 is Fresh-Water.
MeCl limit is 2.49 ug/L.
cis-1,2-Di limit is NLE.
TCE limit is 1.09.
PCE limit is 0.388 ug/L.
Acetone limit is NLE.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 8 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 13

Sampling Dates:
04/08/1997 - 05/21/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 8 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-13-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	ND	ND	ND	ND						
07/17/1997	FMETL	ND	ND	ND	ND						
10/30/1997	FMETL	1.59	1.75	ND	ND						
02/10/1998	FMETL	ND	ND	ND	ND						
04/21/1998	FMETL	ND	ND	ND	ND						
08/19/1998	FMETL	ND	ND	ND	ND						
11/18/1998	FMETL	ND	ND	ND	ND						
02/25/1999	FMETL	ND	ND	ND	ND						
06/29/1999	FMETL	ND	ND	ND	ND						
09/22/1999	FMETL	ND	ND	ND	ND						
12/09/1999	FMETL	11.26	ND	ND	ND						
03/01/2000	FMETL	ND	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	ND	ND	ND	ND						
11/20/2000	FMETL	ND	ND	ND	ND						-
03/08/2001	FMETL	ND	ND	ND	ND						-
03/08/2001D	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/05/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/24/2003	FMETL	ND	ND	ND	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND					V,P

SOURCE: 14

Sampling Dates:
04/08/1997 - 05/21/2003

NOTES:

Page 1 of 1
Stream 14 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09.
Acetone limit is NLE.

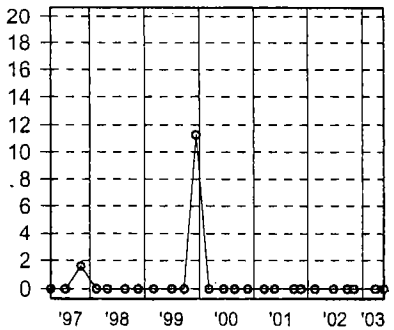
Fort Monmouth

GW Monitoring
Streams

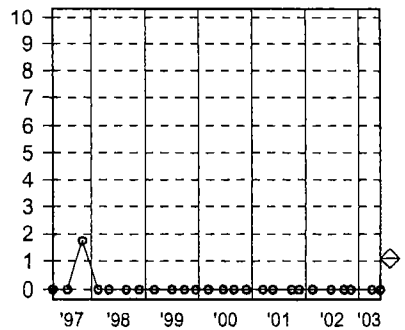
Source 9 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

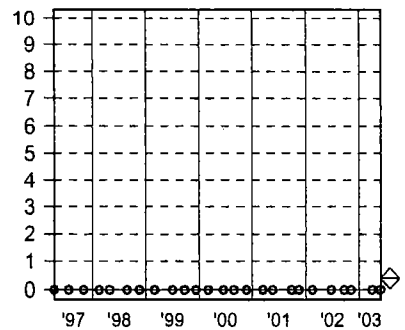
cis-1,2-Dichloroethene
(ug/l)



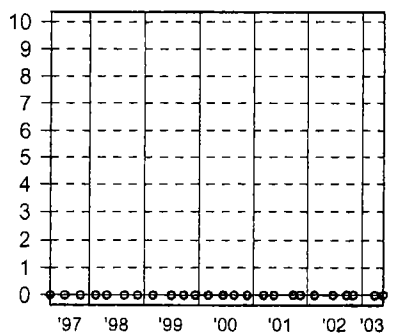
Trichloroethene
(ug/l)



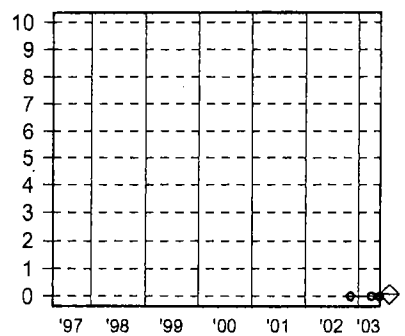
Tetrachloroethene
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Vinyl Chloride
(ug/l)



SOURCE: 14

Sampling Dates:
04/08/1997 - 05/21/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 9 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	2.69	1.60	6.00	ND						
07/17/1997	FMETL	5.53	2.50	7.12	ND						
10/30/1997	FMETL	2.57	ND	2.72	ND						
02/10/1998	FMETL	ND	1.03	6.90	ND						
04/21/1998	FMETL	1.22	1.21	5.72	ND						
08/19/1998	FMETL	3.89	2.06	5.39	ND						
11/18/1998	FMETL	ND	ND	ND	ND						
02/25/1999	FMETL	ND	ND	7.33	ND						
06/29/1999	FMETL	4.17	2.40	7.86	ND						
09/21/1999	FMETL	3.59	1.37	2.61	ND						
12/09/1999	FMETL	ND	ND	4.08	ND						
03/01/2000	FMETL	1.39	1.39	6.95	2.38						
06/12/2000	FMETL	ND	ND	5.94	ND						
08/24/2000	FMETL	2.02	1.09	5.20	ND						
11/20/2000	FMETL	ND	ND	6.29	ND						-
02/21/2001	FMETL	ND	ND	7.19	ND						-
05/16/2001	FMETL	1.50	ND	6.64	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
09/25/2001D	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	3.09	ND	3.49	ND						-
02/11/2002	FMETL	ND	ND	2.65	ND						V
06/18/2002	FMETL	1.63	ND	2.67	ND						V,P
09/18/2002	FMETL	2.39	ND	2.55	ND						V,P
11/05/2002	FMETL	ND	ND	1.52	ND	ND					V,P
03/24/2003	FMETL	1.44	1.11	3.96	ND	ND					V,P
05/21/2003	FMETL	1.89	ND	3.84	ND	ND					V,P

SOURCE: 15

Sampling Dates:
04/08/1997 - 05/21/2003

NOTES:

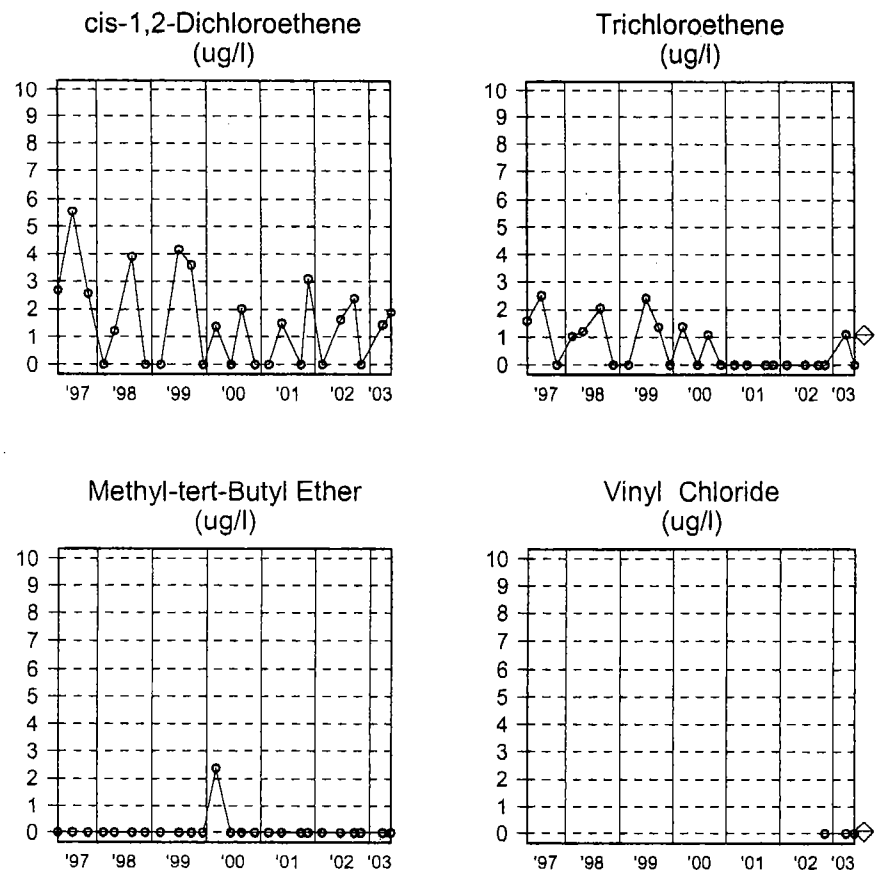
Page 1 of 1
Stream 15 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09 ug/L.
PCE limit is 0.388 ug/L.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 10 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 15

Sampling Dates:
04/08/1997 - 05/21/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 10 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-13-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	2.05	1.26	4.47	ND						
07/17/1997	FMETL	2.55	ND	4.72	ND						
10/30/1997	FMETL	1.76	ND	1.86	ND						
02/10/1998	FMETL	ND	ND	6.23	ND						
04/21/1998	FMETL	ND	ND	4.58	ND						
08/19/1998	FMETL	2.94	1.63	4.33	ND						
11/18/1998	FMETL	ND	ND	1.48	ND						
02/25/1999	FMETL	ND	ND	6.06	ND						
06/29/1999	FMETL	3.56	2.25	7.70	ND						
09/22/1999	FMETL	2.74	ND	2.63	ND						
12/09/1999	FMETL	1.79	ND	4.13	ND						
03/01/2000	FMETL	1.28	1.27	6.47	2.33						
06/12/2000	FMETL	ND	ND	3.74	ND						
08/24/2000	FMETL	1.68	1.28	4.47	ND						
11/20/2000	FMETL	ND	ND	4.49	ND						-
02/21/2001	FMETL	ND	ND	6.25	ND						-
05/16/2001	FMETL	1.23	ND	4.91	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	1.41	ND	2.00	ND						-
02/11/2002	FMETL	ND	ND	2.47	ND						V
06/18/2002	FMETL	1.35	ND	2.46	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/05/2002	FMETL	ND	ND	1.49	ND	ND					V,P
03/13/2003	FMETL	0.90	0.74	3.21	ND	ND					V,P
05/21/2003	FMETL	1.85	ND	3.68	ND	ND					V,P

SOURCE: 16

Sampling Dates:
04/08/1997 - 05/21/2003

NOTES:

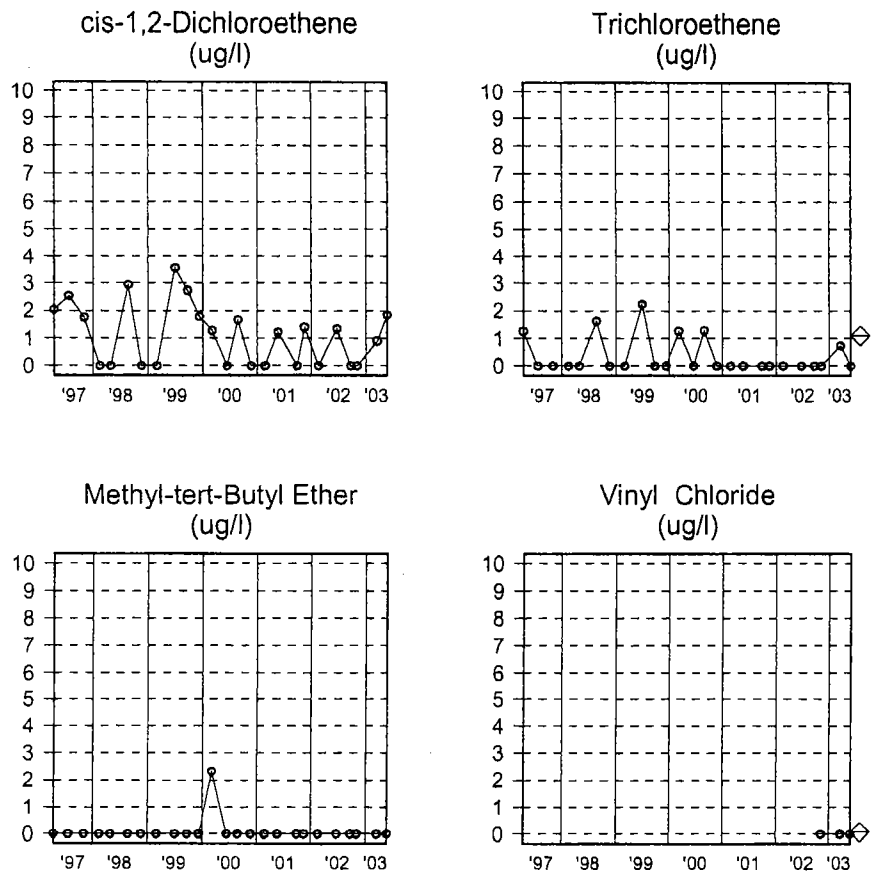
Page 1 of 1
Stream 16 is Salt-Water.
cis-1,2-di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 11 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 16

Sampling Dates:
04/08/1997 - 05/21/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 11 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-13-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	ND	ND	ND	ND						
07/17/1997	FMETL	ND	ND	ND	ND						
10/30/1997	FMETL	ND	ND	ND	ND						
02/10/1998	FMETL	ND	ND	ND	ND						
04/21/1998	FMETL	ND	ND	ND	ND						
08/19/1998	FMETL	ND	ND	ND	ND						
11/18/1998	FMETL	4.43	2.12	5.09	ND						
02/25/1999	FMETL	ND	ND	ND	ND						
06/29/1999	FMETL	ND	ND	ND	ND						
09/22/1999	FMETL	1.09	ND	ND	ND						
12/09/1999	FMETL	ND	ND	ND	ND						
03/01/2000	FMETL	ND	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	ND	ND	ND	ND						
11/20/2000	FMETL	ND	ND	ND	ND						-
03/08/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/24/2003	FMETL	ND	ND	ND	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND					V,P

SOURCE: 17

Sampling Dates:
04/08/1997 - 05/21/2003

NOTES:

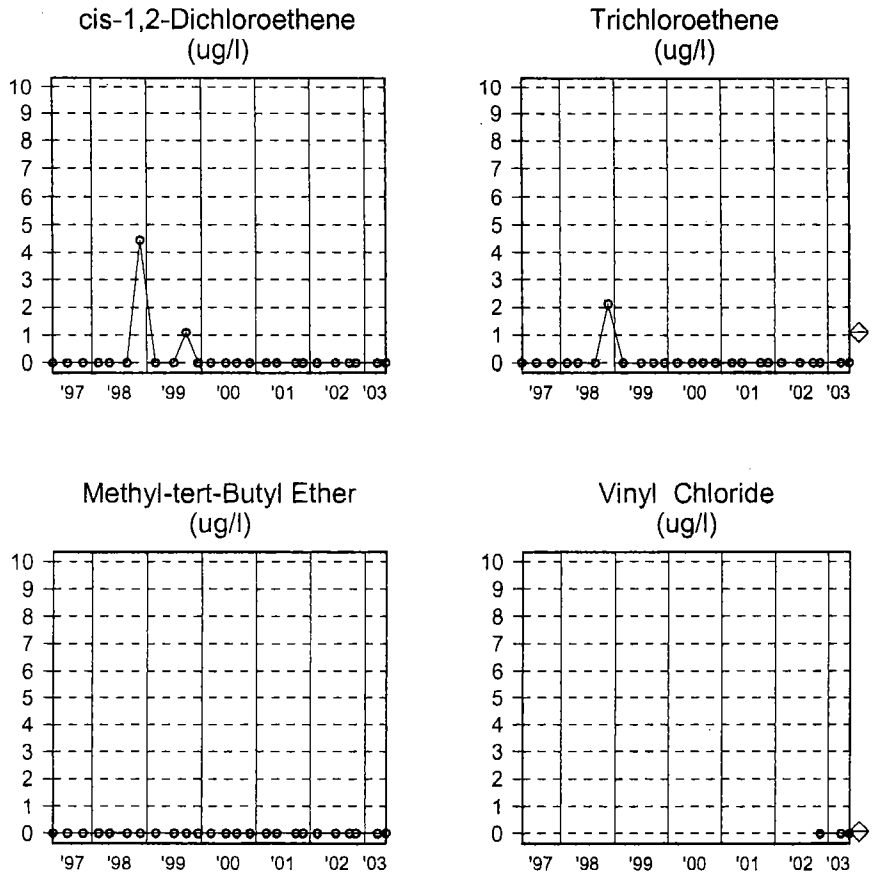
Page 1 of 1
stream 17 is Salt-Water.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
Acetone limit is NLE.
Chlorobenzene limit is 21000 ug/L.

Fort Monmouth

GW Monitoring
Streams

Source 12 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 17

Sampling Dates:
04/08/1997 - 05/21/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 12 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	ND	ND	ND	ND						
07/17/1997	FMETL	1.06	ND	ND	ND						
10/30/1997	FMETL	5.87	ND	ND	ND						
02/10/1998	FMETL	14.36	ND	ND	ND						
04/21/1998	FMETL	ND	ND	ND	ND						
08/19/1998	FMETL	4.65	ND	ND	ND						
11/18/1998	FMETL	3.18	ND	ND	ND						
02/25/1999	FMETL	3.95	ND	ND	ND						
06/29/1999	FMETL	1.47	ND	ND	ND						
09/21/1999	FMETL	4.67	ND	ND	ND						
12/09/1999	FMETL	4.90	ND	ND	ND						
03/01/2000	FMETL	5.57	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	2.46	ND	ND	ND						
11/20/2000	FMETL	1.80	ND	ND	ND						-
02/21/2001	FMETL	4.10	ND	ND	ND						-
05/16/2001	FMETL	1.45	ND	ND	ND						-
09/11/2001	FMETL	ND	ND	ND	ND						-
09/11/2001D	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/05/2002	FMETL	5.14	ND	ND	ND	ND					V,P
03/13/2003	FMETL	17.75	0.52	ND	0.67	2.33					V,P
05/21/2003	FMETL	3.92	ND	ND	ND	ND					V,P

SOURCE: 18

Sampling Dates:
04/08/1997 - 05/21/2003

NOTES:

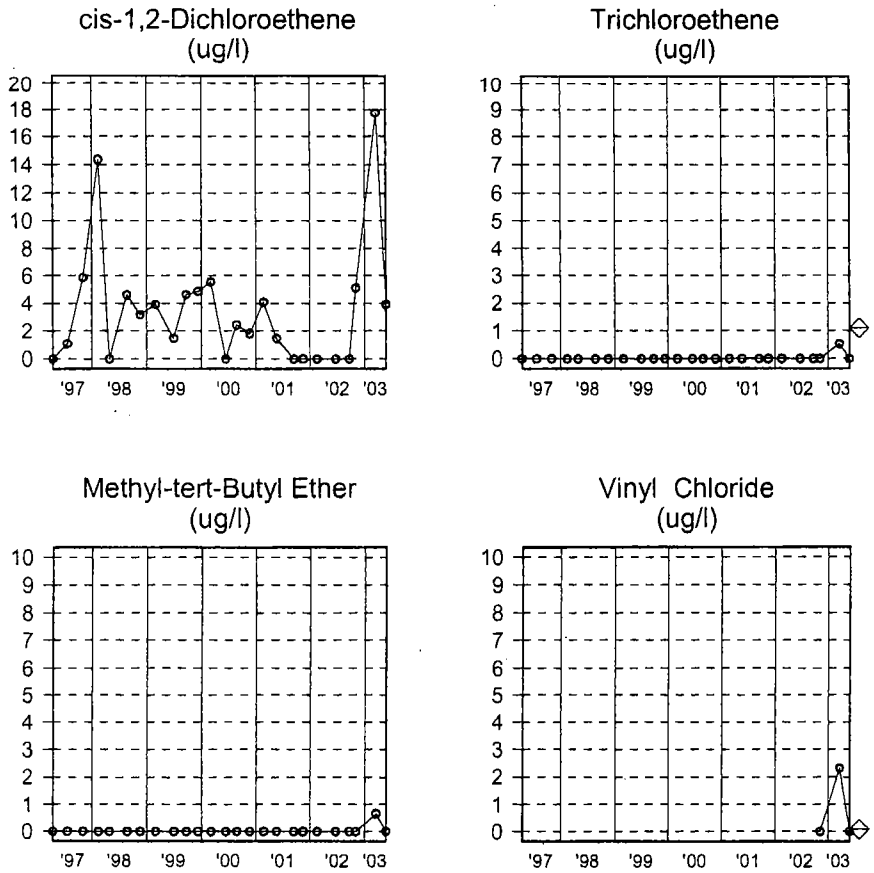
Page 1 of 1
Stream 18 is Fresh-Water.
cis-1,2-Di limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 13 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 18

Sampling Dates:
04/08/1997 - 05/21/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 13 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	6.44	ND	ND	ND						
07/17/1997	FMETL	ND	ND	ND	ND						
10/30/1997	FMETL	4.69	ND	ND	ND						
02/10/1998	FMETL	8.22	ND	ND	ND						
04/21/1998	FMETL	6.86	ND	ND	ND						
08/19/1998	FMETL	2.95	ND	ND	ND						
11/17/1998	FMETL	2.3	ND	ND	ND						
02/25/1999	FMETL	2.30	ND	ND	ND						
06/29/1999	FMETL	ND	ND	ND	ND						
09/21/1999	FMETL	3.53	ND	ND	ND						
12/09/1999	FMETL	2.60	ND	ND	ND						
03/01/2000	FMETL	2.92	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	2.07	ND	ND	ND						
11/20/2000	FMETL	ND	ND	ND	ND						-
02/21/2001	FMETL	2.99	ND	ND	ND						-
02/21/2001D	FMETL	3.87	ND	ND	ND						-
05/16/2001	FMETL	1.57	ND	ND	ND						-
09/11/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	2.69	ND	ND	ND	ND					V,P
03/13/2003	FMETL	13.43	0.44	ND	ND	1.61					V,P
05/21/2003	FMETL	3.07	ND	ND	ND	ND					V,P

SOURCE: 19

Sampling Dates:
04/08/1997 - 05/21/2003

NOTES:

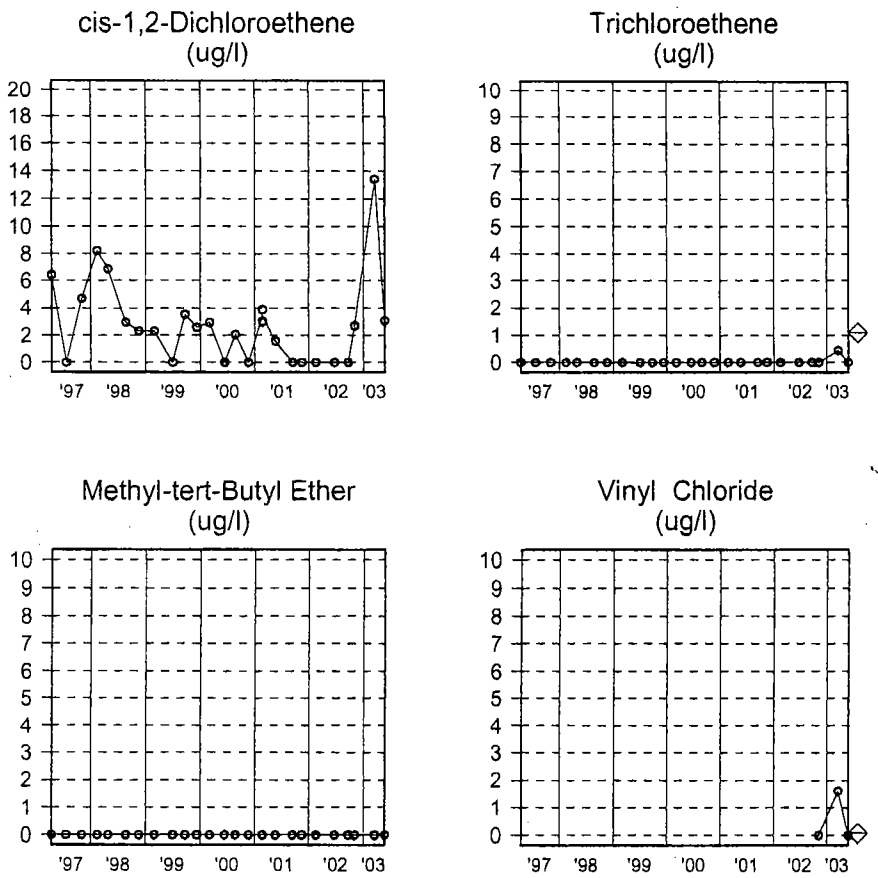
Page 1 of 1
Stream 19 is Salt-Water.
cis-1,2-Di limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 14 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 19

Sampling Dates:
04/08/1997 - 05/21/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 14 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	ND	ND	ND	ND						
07/17/1997	FMETL	ND	ND	ND	2.63						
10/30/1997	FMETL	ND	ND	ND	ND						
02/10/1998	FMETL	ND	ND	ND	ND						
04/21/1998	FMETL	ND	ND	ND	ND						
08/19/1998	FMETL	ND	ND	ND	4.85						
11/17/1998	FMETL	ND	ND	ND	ND						
02/25/1999	FMETL	ND	ND	ND	ND						
06/29/1999	FMETL	ND	ND	ND	5.70						
09/21/1999	FMETL	ND	ND	ND	2.10						
12/09/1999	FMETL	ND	ND	ND	ND						
03/01/2000	FMETL	ND	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	6.38						
08/24/2000	FMETL	ND	ND	ND	2.58						
11/20/2000	FMETL	ND	ND	ND	ND						-
02/21/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	1.26						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/13/2003	FMETL	ND	ND	0.64	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	1.37	ND					V,P

SOURCE: 20

Sampling Dates:
04/08/1997 - 05/21/2003

NOTES:

Page 1 of 1
Stream20 is Salt-Water.
Ethylben limit is 27900 ug/L.
MTBE limit is NLE.

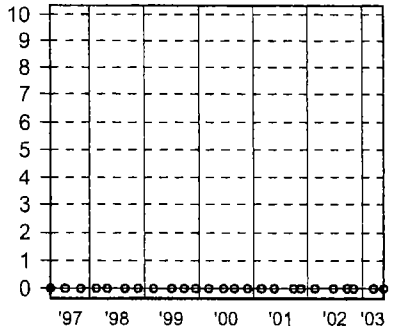
Fort Monmouth

GW Monitoring
Streams

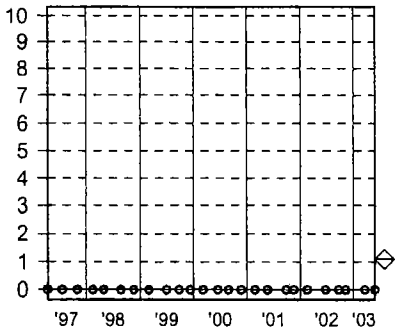
Source 15 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

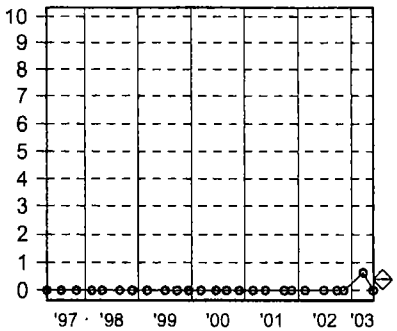
cis-1,2-Dichloroethene
(ug/l)



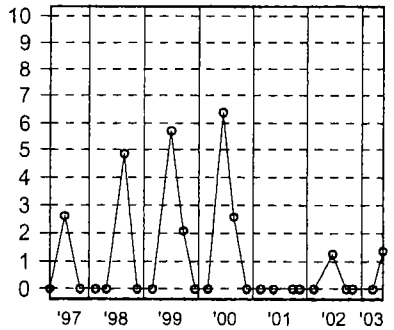
Trichloroethene
(ug/l)



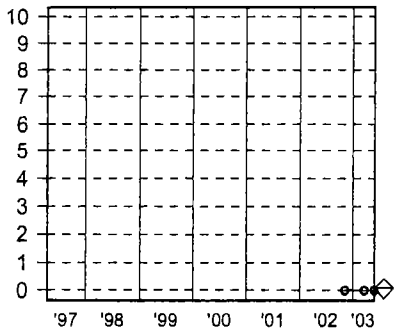
Tetrachloroethene
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Vinyl Chloride
(ug/l)



SOURCE: 20

Sampling Dates:
04/08/1997 - 05/21/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 15 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	ND	ND	ND	ND						
07/17/1997	FMETL	ND	ND	ND	2.90						
10/30/1997	FMETL	ND	ND	ND	ND						
02/10/1998	FMETL	ND	ND	ND	ND						
04/21/1998	FMETL	ND	ND	ND	ND						
08/19/1998	FMETL	ND	ND	ND	4.71						
11/17/1998	FMETL	ND	ND	ND	ND						
02/25/1999	FMETL	ND	ND	ND	ND						
06/29/1999	FMETL	ND	ND	ND	7.40						
09/21/1999	FMETL	1.17	ND	ND	2.24						
12/09/1999	FMETL	ND	ND	ND	ND						
03/01/2000	FMETL	ND	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	ND	ND	ND	2.67						
11/20/2000	FMETL	ND	ND	ND	ND						-
02/21/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/11/2001	FMETL	ND	ND	ND	1.76						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/13/2003	FMETL	ND	ND	0.63	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	1.34	ND					V,P

SOURCE: 21

Sampling Dates:
04/08/1997 - 05/21/2003

NOTES:

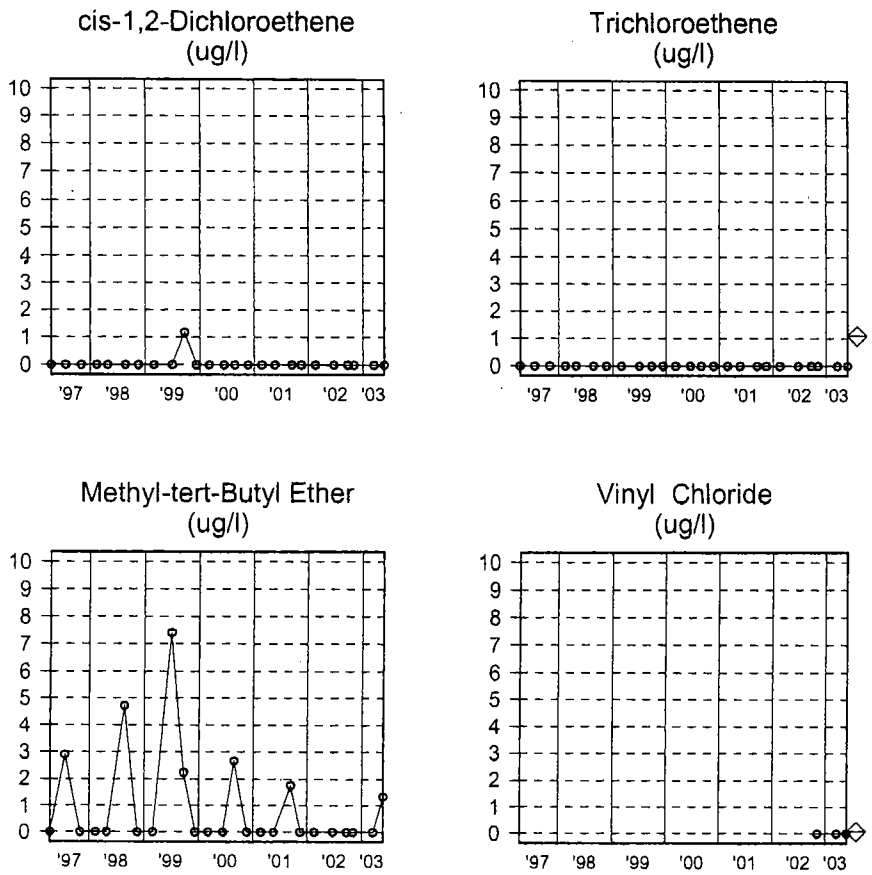
Page 1 of 1
Sream 21 is Salt-Water.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 16 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 21

Sampling Dates:
04/08/1997 - 05/21/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 16 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	ND	ND	ND	ND						
07/17/1997	FMETL	ND	ND	ND	4.26						
10/30/1997	FMETL	ND	ND	ND	ND						
02/10/1998	FMETL	ND	ND	ND	ND						
04/21/1998	FMETL	ND	ND	ND	ND						
08/19/1998	FMETL	ND	ND	ND	4.50						
11/17/1998	FMETL	ND	ND	ND	ND						
02/25/1999	FMETL	ND	ND	ND	ND						
06/29/1999	FMETL	ND	ND	ND	8.30						
09/21/1999	FMETL	ND	ND	ND	0.82						
12/09/1999	FMETL	ND	ND	ND	ND						
03/01/2000	FMETL	ND	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	10.26						
06/12/2000D	FMETL	ND	ND	ND	10.66						
08/24/2000	FMETL	ND	ND	ND	ND						
11/20/2000	FMETL	ND	ND	ND	ND						-
02/21/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						V
09/11/2001	FMETL	ND	ND	ND	3.53						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	2.12						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/13/2003	FMETL	1.57	ND	ND	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND					V,P

SOURCE: 22

Sampling Dates:
04/08/1997 - 05/21/2003

NOTES:

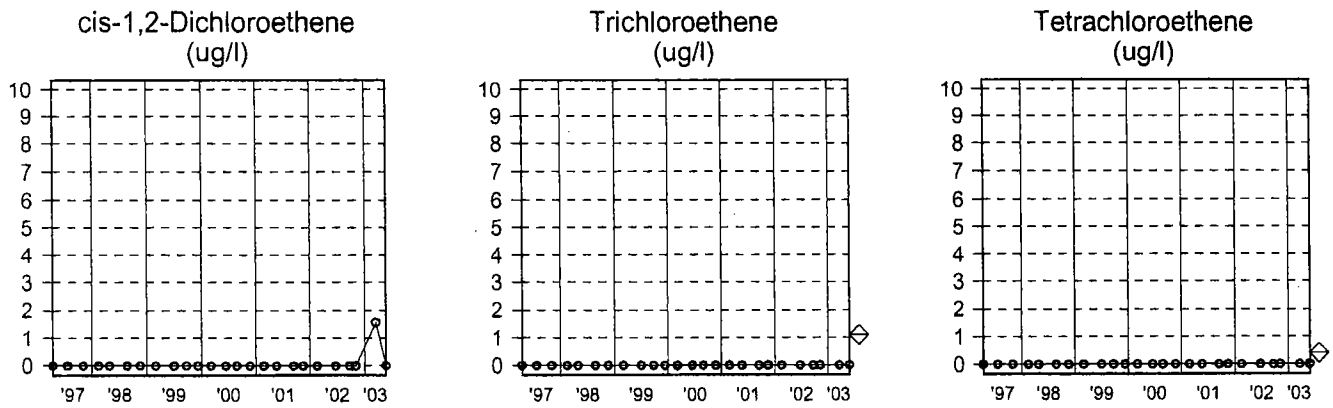
Page 1 of 1
Stream 22 is Salt-Water.
Acetone limit is NLE.
MTBE limit is NLE.

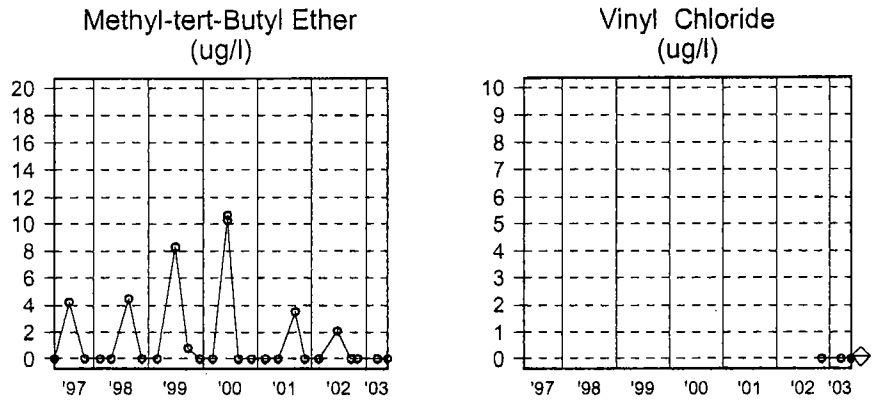
Fort Monmouth

GW Monitoring
Streams

Source 17 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV





SOURCE: 22

Sampling Dates:
04/08/1997 - 05/21/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 17 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
06/12/2000	FMETL	ND	ND	5.60	ND						
08/24/2000	FMETL	2.24	1.82	5.18	ND						
11/20/2000	FMETL	ND	ND	6.29	ND						-
03/08/2001	FMETL	ND	ND	4.78	ND						-
05/16/2001	FMETL	1.73	ND	6.41	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	3.23	ND	3.64	ND						-
02/11/2002	FMETL	ND	ND	2.85	ND						V
06/18/2002	FMETL	1.58	ND	2.88	ND						V,P
09/18/2002	FMETL	2.49	ND	ND	ND						V,P
11/05/2002	FMETL	ND	ND	1.44	ND	ND					V,P
03/24/2003	FMETL	1.41	1.05	4.01	ND	ND					V,P
05/21/2003	FMETL	2.03	ND	4.06	ND	ND					V,P

SOURCE: 23

Sampling Dates:
06/12/2000 - 05/21/2003

NOTES:

Page 1 of 1
Stream 23 is Fresh-Water

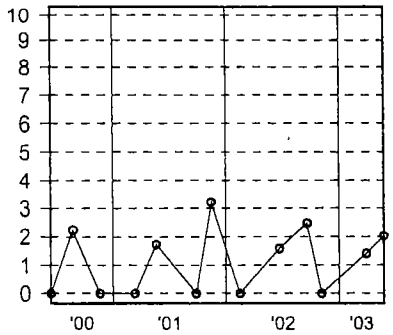
Fort Monmouth

GW Monitoring
Streams

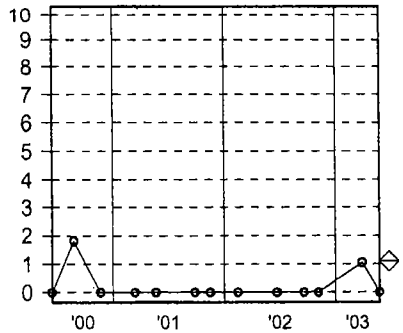
Source 18 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

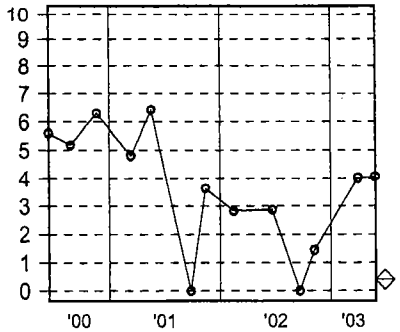
cis-1,2-Dichloroethene
(ug/l)



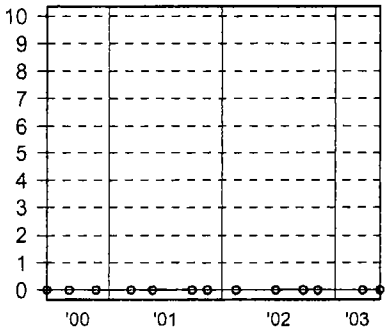
Trichloroethene
(ug/l)



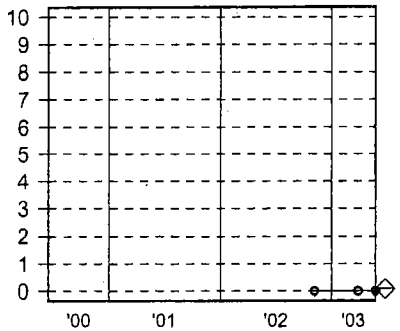
Tetrachloroethene
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Vinyl Chloride
(ug/l)



SOURCE: 23

Sampling Dates:
06/12/2000 - 05/21/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 18 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-13-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
06/12/2000	FMETL	ND	ND	4.72	ND						
08/24/2000	FMETL	1.54	1.41	4.33	ND						
11/20/2000	FMETL	ND	ND	4.41	ND						-
03/08/2001	FMETL	ND	ND	4.76	ND						-
05/16/2001	FMETL	1.37	ND	5.12	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	3.11	ND	3.28	ND						-
02/11/2002	FMETL	ND	ND	2.69	ND						V
06/18/2002	FMETL	1.60	ND	2.74	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/05/2002	FMETL	ND	ND	1.64	ND	ND					V,P
03/13/2003	FMETL	0.99	0.83	3.50	ND	ND					V,P
05/21/2003	FMETL	1.98	ND	3.94	ND	ND					V,P

SOURCE: 24

Sampling Dates:
06/12/2000 - 05/21/2003

NOTES:

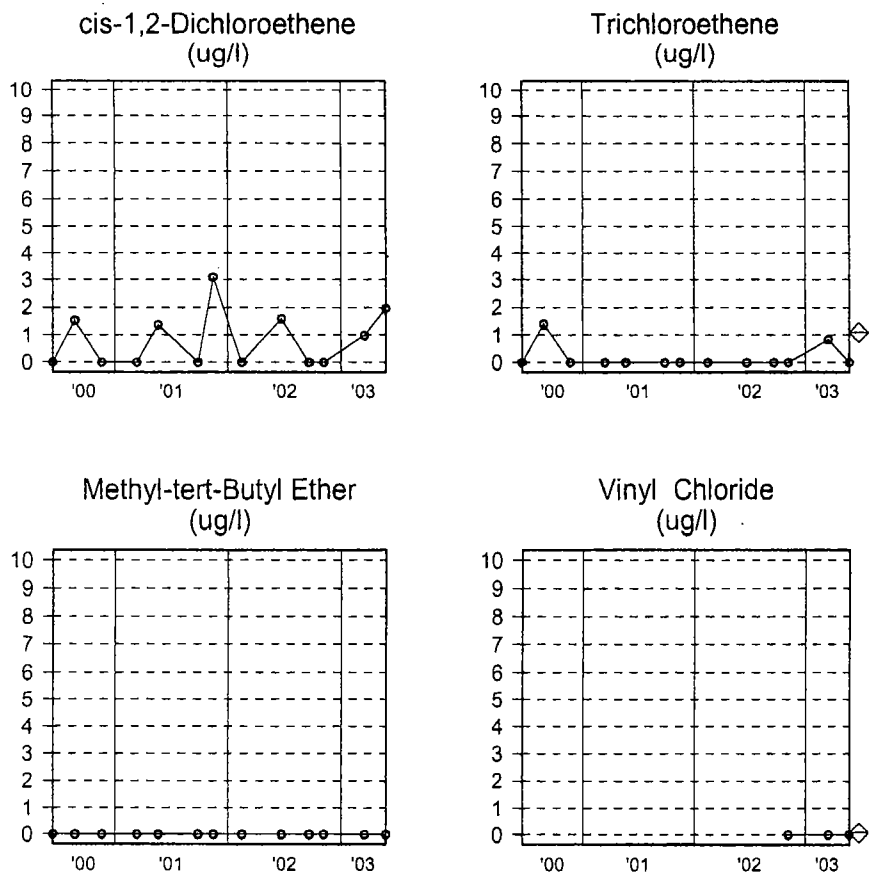
Page 1 of 2
Stream 24 is Fresh-Water

Fort Monmouth

GW Monitoring
Streams

Source 19 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 24

Sampling Dates:
06/12/2000 - 05/21/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 19 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	ND	ND	ND	ND						
11/20/2000	FMETL	ND	ND	ND	ND						-
03/08/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/24/2003	FMETL	ND	ND	2.22	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND					V,P

SOURCE: 25

Sampling Dates:
06/12/2000 - 05/21/2003

NOTES:

Page 1 of 1
Stream 25 is Salt-Water.

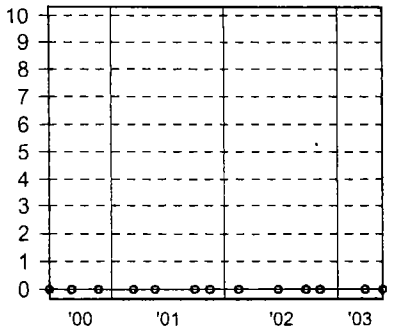
Fort Monmouth

GW Monitoring
Streams

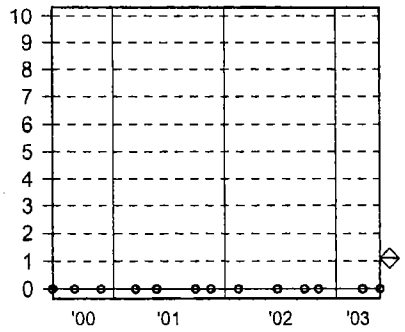
Source 20 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

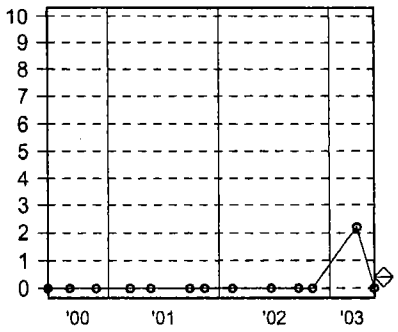
cis-1,2-Dichloroethene
(ug/l)



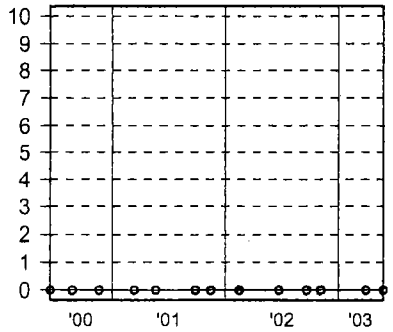
Trichloroethene
(ug/l)



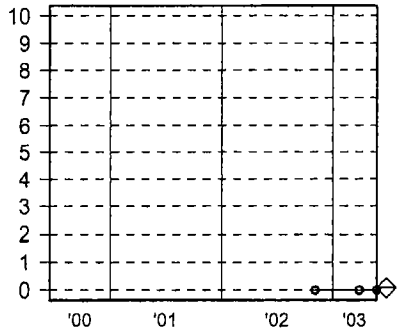
Tetrachloroethene
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Vinyl Chloride
(ug/l)



SOURCE: 25

Sampling Dates:
06/12/2000 - 05/21/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 20 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	ND	ND	ND	ND						
11/20/2000	FMETL	ND	ND	ND	ND						-
03/08/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/24/2003	FMETL	ND	ND	ND	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND					V,P

SOURCE: 26

Sampling Dates:
06/12/2000 - 05/21/2003

NOTES:

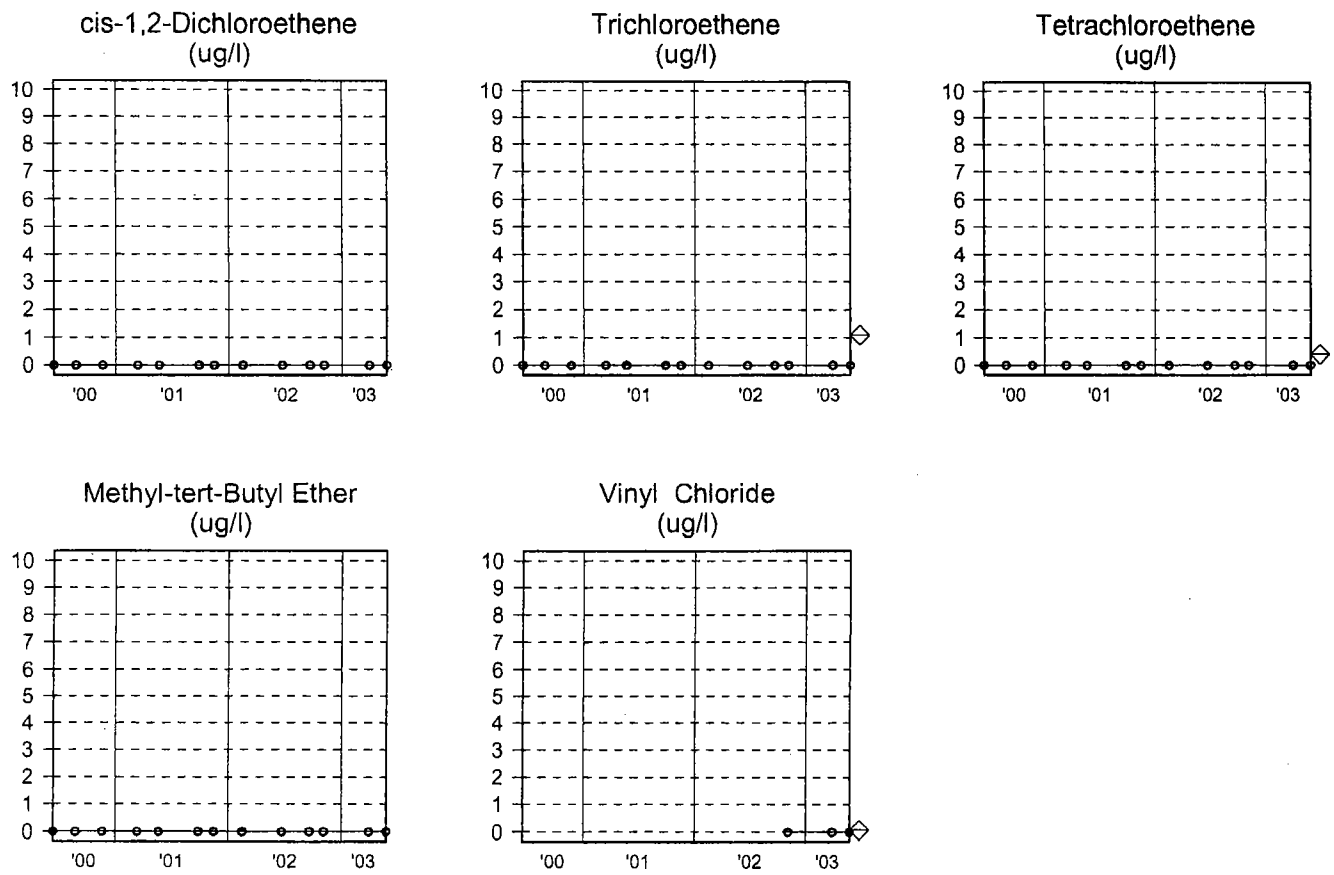
Page 1 of 1
Stream 26 is Fresh-Water

Fort Monmouth

GW Monitoring
Streams

Source 21 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 26

Sampling Dates:
06/12/2000 - 05/21/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 21 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	ND	ND	1.72	ND						
11/20/2000	FMETL	ND	ND	1.87	ND						-
03/08/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/13/2003	FMETL	ND	ND	1.71	ND	ND					V,P
05/21/2003	FMETL	1.38	2.68	ND	ND	ND					V,P

SOURCE: 27

Sampling Dates:
06/12/2000 - 05/21/2003

NOTES:

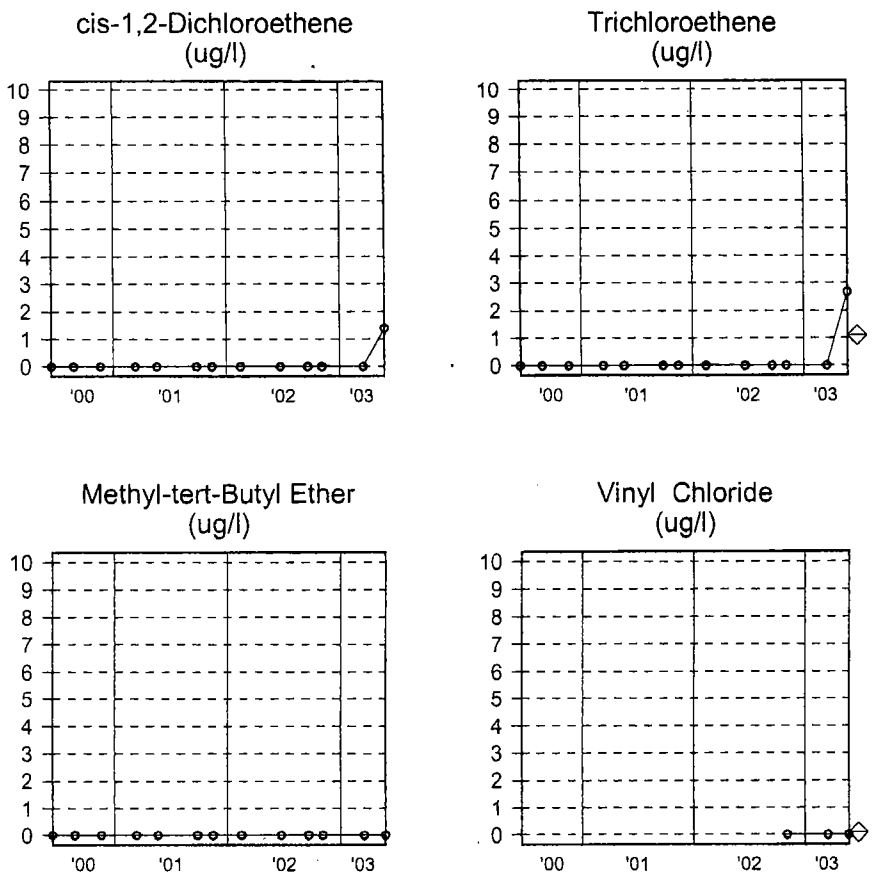
Page 1 of 1
Stream 27 is Salt Water.

Fort Monmouth

GW Monitoring
Streams

Source 22 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 27

Sampling Dates:
06/12/2000 - 05/21/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 22 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-13-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	1.28	1.07	3.67	ND						
11/20/2000	FMETL	ND	ND	3.60	ND						-
03/08/2001	FMETL	ND	ND	2.56	ND						-
05/16/2001	FMETL	ND	ND	2.77	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	1.55	ND						V
06/18/2002	FMETL	ND	ND	1.99	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/13/2003	FMETL	0.73	0.60	2.78	ND	ND					V,P
05/21/2003	FMETL	1.50	ND	2.58	ND	ND					V,P

SOURCE: 28

Sampling Dates:
06/12/2000 - 05/21/2003

NOTES:

Page 1 of 1
Stream 28 is Salt-Water
cis-1,2-Dichloroethene limit is NLE
TCE limit is 81
PCE limit is 4.29

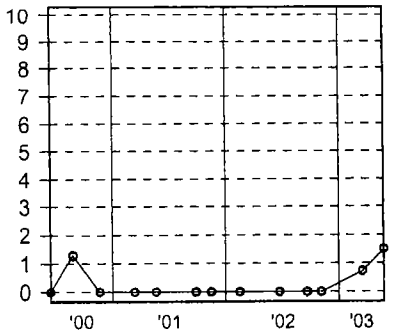
Fort Monmouth

GW Monitoring
Streams

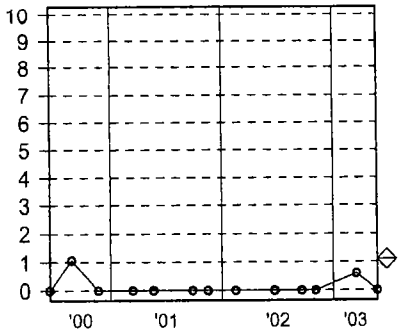
Source 23 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

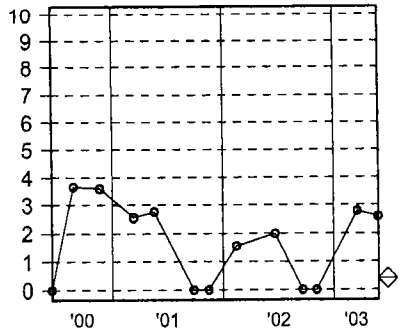
cis-1,2-Dichloroethene
(ug/l)



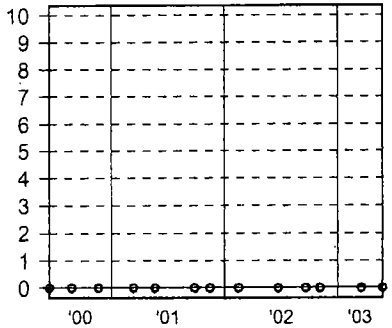
Trichloroethene
(ug/l)



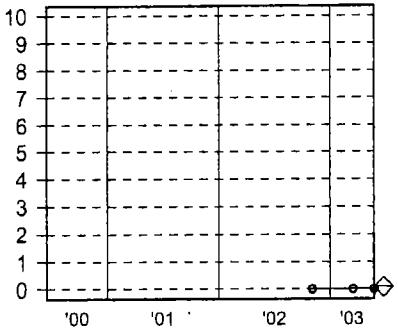
Tetrachloroethene
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Vinyl Chloride
(ug/l)



SOURCE: 28

Sampling Dates:
06/12/2000 - 05/21/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 23 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-6224 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: 3rd QTR/03 Streams

Streams

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Stream Site #22	3059204	Aqueous	17-Sept-03 07:39	09/17/03
Stream Site #21	3059205	Aqueous	17-Sept-03 07:50	09/17/03
Stream Site #20	3059206	Aqueous	17-Sept-03 07:56	09/17/03
Stream Site #09	3059207	Aqueous	17-Sept-03 08:05	09/17/03
Stream Site #19	3059208	Aqueous	17-Sept-03 08:16	09/17/03
Stream Site #12	3059209	Aqueous	17-Sept-03 08:25	09/17/03
Stream Site #18	3059210	Aqueous	17-Sept-03 08:32	09/17/03
Stream Site #11	3059211	Aqueous	17-Sept-03 08:41	09/17/03
Stream Site #27	3059212	Aqueous	17-Sept-03 09:49	09/17/03
Stream Site #07	3059213	Aqueous	17-Sept-03 09:57	09/17/03
Stream Site #28	3059214	Aqueous	17-Sept-03 10:09	09/17/03
Stream Site #04	3059215	Aqueous	17-Sept-03 10:17	09/17/03
Stream Site #05	3059216	Aqueous	17-Sept-03 09:38	09/17/03
Stream Site #16	3059217	Aqueous	17-Sept-03 08:55	09/17/03
Stream Site #24	3059218	Aqueous	17-Sept-03 09:06	09/17/03
Stream Site #23	3059219	Aqueous	17-Sept-03 09:19	09/17/03
Stream Site #15	3059220	Aqueous	17-Sept-03 09:27	09/17/03
Stream Site #25	3059221	Aqueous	17-Sept-03 10:29	09/17/03
Stream Site #17	3059222	Aqueous	17-Sept-03 10:37	09/17/03
Stream Site #26	3059223	Aqueous	17-Sept-03 10:45	09/17/03
Stream Site #03	3059224	Aqueous	17-Sept-03 10:57	09/17/03
Stream Site #14	3059225	Aqueous	17-Sept-03 11:10	09/17/03
Stream Site #13	3059226	Aqueous	17-Sept-03 11:18	09/17/03

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA+15, PCB's, WET CHEMISTRY

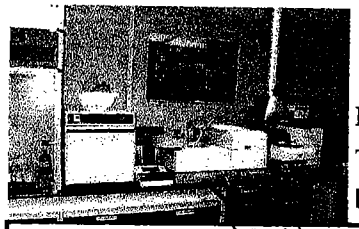
10-29-03
Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B
TARGET COMPOUND LIST	Federal Register 40 CFR Part 136 Appendix A
Base/Neutrals and Acid Extractables by GC/MS	625
Purgeable Organcis by GC/MS	624
Pesticides and PCB's by GC	608

SAMPLING



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: 426223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: Streams
3rd Qtr '03

Samplers Name / Company: Corey McCormack, TVS

Comments: HCL/HNO_3/4°C

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOTIS	T. Coli	PCB	NH_3/NO_3	PO_4/SO_4	Temp. °C	pH (su)	Dissolved Oxygen	Remarks / Preservation Method	
30592 01	Trip	9/17/03	0721	AQ	2	✓					—	—	—		
02	Field Blank		0730		5	✓		✓	✓	✓	—	—	—	Salinity	
03	Dupe		—		6	✓	✓	✓	✓	✓	—	—	—	%	D 20/20
04	Stream Site #22 *		0739		6	✓	✓	✓	✓	✓	9.71	7.76	8.53	1.015	18
05	#21		0750			✓	✓	✓	✓	✓	9.70	7.79	8.63	1.016	19
06	#20		0756			✓	✓	✓	✓	✓	9.71	7.80	8.64	1.016	19
07	#09		0805			✓	✓	✓	✓	✓	8.81	7.84	8.31	1.011	14
08	#19		0816			✓	✓	✓	✓	✓	8.76	7.86	8.59	1.001	2
09	#12		0825			✓	✓	✓	✓	✓	9.11	7.76	7.91	1.000	0
10	#18		0832			✓	✓	✓	✓	✓	9.11	7.78	7.87	1.000	0
11	#11		0841			✓	✓	✓	✓	✓	9.37	7.84	8.39	1.000	0
12	#27		0949			✓	✓	✓	✓	✓	9.45	7.91	8.11	1.008	10
13	#07		0957			✓	✓	✓	✓	✓	9.76	7.86	8.09	1.007	9
14	#28		~~0949~~ 1009			✓	✓	✓	✓	✓	9.63	7.89	8.10	1.007	9

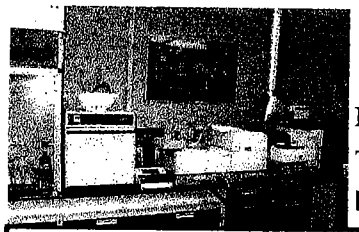
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	9/17/03 1127	[illegible]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (X)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: Tide: H→L

print legibly

COC.XLS6/17/2003



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. FALLON
Phone #: K26223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: Streams
3rd Qrtr 03

Samplers Name / Company: Corey McCormack, TVS

Analysis Parameters: VOC+15, T. Coli, PCB, NH_3/NO_3, PO_4/SO_4, °C Temp, pH su, Dissolved Oxygen

Comments: HCL/HNO_3/24°C

LIMS/Work Order #		Sample Location	Date	Time	Sample Type	# bottles	VOC+15	T. Coli	PCB	NH_3/NO_3	PO_4/SO_4	Temp °C	pH su	Dissolved Oxygen	Remarks / Preservation Method	
30592	15	Stream Site #04	9/17/03	1017	AQ	6	✓	✓	✓	✓	✓	8.90	7.80	7.98	1.004	8
	16	#05		0938			✓	✓	✓	✓	✓	9.07	7.65	7.93	1.003	7
	17	#16		0855			✓	✓	✓	✓	✓	8.86	7.53	7.91	1.003	7
	18	#24		0906			✓	✓	✓	✓	✓	8.87	7.55	7.86	1.002	6
	19	#23		0919			✓	✓	✓	✓	✓	8.89	7.57	7.89	1.000	1
	20	#15		0927			✓	✓	✓	✓	✓	8.88	7.55	7.76	1.000	0
	21	#25		1029			✓	✓	✓	✓	✓	8.83	7.79	7.83	1.005	8
	22	#17		1037			✓	✓	✓	✓	✓	8.79	7.81	7.89	1.005	8
	23	#26		1045			✓	✓	✓	✓	✓	9.17	7.76	7.88	1.004	7
	24	#03		1057			✓	✓	✓	✓	✓	8.71	7.75	7.86	1.003	7
	25	#14		1110			✓	✓	✓	✓	✓	8.76	7.76	7.88	1.000	0
	26	#13		1118			✓	✓	✓	✓	✓	8.74	7.53	8.00	1.000	0

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	9/17/03 1127	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
		[signature]			

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (X)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: Tide: H->L

print legibly

COC.XLS6/17/2003

VOLATILE ORGANICS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

U: The compound was analyzed for but not detected.

B: Indicates that the compound was found in the associated method blank as well as in the sample.

J: Indicates an estimated value. This flag is used:

(1) When the mass spec and retention time data indicate the presence of a compound however the result is less than the MDL but greater than zero.

(2) When estimating the concentration of a tentatively identified compound (TIC), where a 1:1 response is assumed.

D: This flag is used to identify all compounds (target or TIC) that required a dilution.

E: Indicates the compound's concentration exceeds the calibration range of the instrument for that specific analysis.

N: This flag is only used for TICs. It indicates the presumptive evidence of a compound. For a generic characterization of a TIC, such as unknown hydrocarbon, the flag is not used.

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC010380.D**	Sample Name	**MB 23Sept03**
Operator	**Skelton**	Field ID	**MB 23Sept03**
Date Aquired	**23-Sep-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

9/24/2003 12:04 PM

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	**VC010380.D**	Sample Name	**MB 23Sept03**
Operator	**Skelton**	Field ID	**MB 23Sept03**
Date Aquired	**23-Sep-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 23Sept03**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 30592 Location: 3rdQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: MB 23Sept03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010380.D

Level: (low/med) LOW Date Received: 9/17/2003

% Moisture: not dec. _____ Date Analyzed: 9/23/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC010386.D**	Sample Name	**3059201**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**23-Sep-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	15.57	303389	4.91 ug/L	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

9/24/2003 12:04 PM

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	**VC010386.D**	Sample Name	**3059201**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**23-Sep-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	15.57	303389	4.91 ug/L	5.67	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 30592 Location: 3rdQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3059201

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010386.D

Level: (low/med) LOW Date Received: 9/17/2003

% Moisture: not dec. _____ Date Analyzed: 9/23/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	**VC010387.D**	Sample Name	**3059202**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**23-Sep-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	15.58	246859	4.10 ug/L	5.67	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC010387.D**	Sample Name	**3059202**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**23-Sep-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	15.58	246859	4.10 ug/L	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 30592 Location: 3rdQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3059202

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010387.D

Level: (low/med) LOW Date Received: 9/17/2003

% Moisture: not dec. Date Analyzed: 9/23/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	**VC010388.D**	Sample Name	**3059203**
Operator	**Skelton**	Field ID	**Dupe**
Date Aquired	**23-Sep-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC010388.D**	Sample Name	**3059203**
Operator	**Skelton**	Field ID	**Dupe**
Date Aquired	**23-Sep-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 30592 Location: 3rdQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3059203

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010388.D

Level: (low/med) LOW Date Received: 9/17/2003

% Moisture: not dec. Date Analyzed: 9/23/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	**VC010409.D**	Sample Name	**3059224**
Operator	**Skelton**	Field ID	**StreamSite#03**
Date Aquired	**24-Sep-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#03**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 30592 Location: 3rdQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3059224

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010409.D

Level: (low/med) LOW Date Received: 9/17/2003

% Moisture: not dec. _____ Date Analyzed: 9/24/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC010400.D**	Sample Name	**3059215**
Operator	**Skelton**	Field ID	**StreamSite#04**
Date Aquired	**23-Sep-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.71	42375	1.14 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	22.89	41132	1.13 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#04**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 30592 Location: 3rdQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3059215

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010400.D

Level: (low/med) LOW Date Received: 9/17/2003

% Moisture: not dec. _____ Date Analyzed: 9/23/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC010401.D**	Sample Name	**3059216**
Operator	**Skelton**	Field ID	**StreamSite#05**
Date Aquired	**23-Sep-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.71	50597	1.36 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	22.88	45532	1.23 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#05**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 30592 Location: 3rdQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3059216

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010401.D

Level: (low/med) LOW Date Received: 9/17/2003

% Moisture: not dec. _____ Date Analyzed: 9/23/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC010398.D**	Sample Name	**3059213**
Operator	**Skelton**	Field ID	**StreamSite#07**
Date Aquired	**23-Sep-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.70	43363	1.17 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	22.88	39831	1.08 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#07**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 30592 Location: 3rdQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3059213

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010398.D

Level: (low/med) LOW Date Received: 9/17/2003

% Moisture: not dec. _____ Date Analyzed: 9/23/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC010392.D**	Sample Name	**3059207**
Operator	**Skelton**	Field ID	**StreamSite#09**
Date Aquired	**23-Sep-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#09**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 30592 Location: 3rdQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3059207

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010392.D

Level: (low/med) LOW Date Received: 9/17/2003

% Moisture: not dec. _____ Date Analyzed: 9/23/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	**VC010396.D**	Sample Name	**3059211**
Operator	**Skelton**	Field ID	**StreamSite#11**
Date Aquired	**23-Sep-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride	5.15	66622	1.74 ug/L	0.083	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.70	294190	7.79 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#11**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 30592 Location: 3rdQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3059211

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010396.D

Level: (low/med) LOW Date Received: 9/17/2003

% Moisture: not dec. _____ Date Analyzed: 9/23/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO..	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	**VC010394.D**	Sample Name	**3059209**
Operator	**Skelton**	Field ID	**StreamSite#12**
Date Aquired	**23-Sep-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.70	111164	2.91 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#12**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 30592 Location: 3rdQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3059209

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010394.D

Level: (low/med) LOW Date Received: 9/17/2003

% Moisture: not dec. _____ Date Analyzed: 9/23/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	**VC010411.D**	Sample Name	**3059226**
Operator	**Skelton**	Field ID	**StreamSite#13**
Date Aquired	**24-Sep-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#13**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 30592 Location: 3rdQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3059226

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010411.D

Level: (low/med) LOW Date Received: 9/17/2003

% Moisture: not dec. _____ Date Analyzed: 9/24/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	**VC010410.D**	Sample Name	**3059225**
Operator	**Skelton**	Field ID	**StreamSite#14**
Date Aquired	**24-Sep-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#14**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 30592 Location: 3rdQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3059225

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010410.D

Level: (low/med) LOW Date Received: 9/17/2003

% Moisture: not dec. Date Analyzed: 9/24/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	VC010405.D	Sample Name	3059220
Operator	Skelton	Field ID	StreamSite#15
Date Aquired	24-Sep-03	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.70	62434	1.64 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	22.88	59651	1.60 ug/L	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#15**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 30592 Location: 3rdQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3059220

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010405.D

Level: (low/med) LOW Date Received: 9/17/2003

% Moisture: not dec. Date Analyzed: 9/24/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC010402.D**	Sample Name	**3059217**
Operator	**Skelton**	Field ID	**StreamSite#16**
Date Aquired	**24-Sep-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.70	64054	1.79 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	22.88	58501	1.70 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#16**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 30592 Location: 3rdQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3059217

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010402.D

Level: (low/med) LOW Date Received: 9/17/2003

% Moisture: not dec. _____ Date Analyzed: 9/24/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC010407.D**	Sample Name	**3059222**
Operator	**Skelton**	Field ID	**StreamSite#17**
Date Aquired	**24-Sep-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#17**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 30592 Location: 3rdQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3059222

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010407.D

Level: (low/med) LOW Date Received: 9/17/2003

% Moisture: not dec. _____ Date Analyzed: 9/24/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	**VC010395.D**	Sample Name	**3059210**
Operator	**Skelton**	Field ID	**StreamSite#18**
Date Aquired	**23-Sep-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.70	109969	2.89 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#18**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 30592 Location: 3rdQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3059210

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010395.D

Level: (low/med) LOW Date Received: 9/17/2003

% Moisture: not dec. Date Analyzed: 9/23/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC010393.D**	Sample Name	**3059208**
Operator	**Skelton**	Field ID	**StreamSite#19**
Date Aquired	**23-Sep-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.70	66384	1.72 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#19**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 30592 Location: 3rdQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3059208

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010393.D

Level: (low/med) LOW Date Received: 9/17/2003

% Moisture: not dec. _____ Date Analyzed: 9/23/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC010391.D**	Sample Name	**3059206**
Operator	**Skelton**	Field ID	**StreamSite#20**
Date Aquired	**23-Sep-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected.	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#20**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 30592 Location: 3rdQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3059206

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010391.D

Level: (low/med) LOW Date Received: 9/17/2003

% Moisture: not dec. Date Analyzed: 9/23/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC010390.D**	Sample Name	**3059205**
Operator	**Skelton**	Field ID	**StreamSite#21**
Date Aquired	**23-Sep-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#21**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 30592 Location: 3rdQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3059205

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010390.D

Level: (low/med) LOW Date Received: 9/17/2003

% Moisture: not dec. _____ Date Analyzed: 9/23/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC010389.D**	Sample Name	**3059204**
Operator	**Skelton**	Field ID	**StreamSite#22**
Date Aquired	**23-Sep-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#22**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 30592 Location: 3rdQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3059204

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010389.D

Level: (low/med) LOW Date Received: 9/17/2003

% Moisture: not dec. Date Analyzed: 9/23/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	5.69	3	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC010404.D**	Sample Name	**3059219**
Operator	**Skelton**	Field ID	**StreamSite#23**
Date Aquired	**24-Sep-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.70	68418	1.91 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	22.89	61114	1.77 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#23**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 30592 Location: 3rdQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3059219

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010404.D

Level: (low/med) LOW Date Received: 9/17/2003

% Moisture: not dec. Date Analyzed: 9/24/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC010403.D**	Sample Name	**3059218**
Operator	**Skelton**	Field ID	**StreamSite#24**
Date Aquired	**24-Sep-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.70	63668	1.69 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	22.88	57428	1.61 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#24**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 30592 Location: 3rdQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3059218

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010403.D

Level: (low/med) LOW Date Received: 9/17/2003

% Moisture: not dec. _____ Date Analyzed: 9/24/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC010406.D**	Sample Name	**3059221**
Operator	**Skelton**	Field ID	**StreamSite#25**
Date Aquired	**24-Sep-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#25**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 30592 Location: 3rdQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3059221

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010406.D

Level: (low/med) LOW Date Received: 9/17/2003

% Moisture: not dec. Date Analyzed: 9/24/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC010408.D**	Sample Name	**3059223**
Operator	**Skelton**	Field ID	**StreamSite#26**
Date Aquired	**24-Sep-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#26**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 30592 Location: 3rdQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3059223

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010408.D

Level: (low/med) LOW Date Received: 9/17/2003

% Moisture: not dec. _____ Date Analyzed: 9/24/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC010397.D**	Sample Name	**3059212**
Operator	**Skelton**	Field ID	**StreamSite#27**
Date Aquired	**23-Sep-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.70	42309	1.16 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	22.88	41176	1.16 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#27**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 30592 Location: 3rdQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3059212

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010397.D

Level: (low/med) LOW Date Received: 9/17/2003

% Moisture: not dec. Date Analyzed: 9/23/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC010399.D**	Sample Name	**3059214**
Operator	**Skelton**	Field ID	**StreamSite#28**
Date Aquired	**23-Sep-03**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.69	42501	1.14 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	22.89	41465	1.14 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#28**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 30592 Location: 3rdQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3059214

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC010399.D

Level: (low/med) LOW Date Received: 9/17/2003

% Moisture: not dec. Date Analyzed: 9/23/2003

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

PCB's

TABULATED ANALYTICAL REPORT
POLYCHLORINATED BIPHENYLS
EPA METHOD 8082

mb 091803

MATRIX: Aqueous
Date Extracted: 9/18/2003
Ext. Batch: 091803
Filename: PCB12517.D
Date Analyzed: 9/18/2003

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (mg/L)	MDL (mg/L)
12674-11-2	Aroclor 1016	ND	0.0112
11104-28-2	Aroclor 1221	ND	0.0206
12672-29-6	Aroclor 1248	ND	0.0140
53469-21-9	Aroclor 1242	ND	0.0160
11141-16-5	Aroclor 1232	ND	0.0064
11097-69-1	Aroclor 1254	ND	0.0040
11096-82-5	Aroclor 1260	ND	0.0036

MDL - Method Detection Limit
ND = Not detected at or above MDL

Initial Vol..(ml)) 1000
Final Vol.(ml) 10

COMMENTS:

TABULATED ANALYTICAL REPORT
POLYCHLORINATED BIPHENYLS
EPA METHOD 8082

mb 091903

MATRIX: Aqueous
Date Extracted: 9/19/2003
Ext. Batch: 091903
Filename: PCB12868.D
Date Analyzed: 10/24/2003

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (mg/L)	MDL (mg/L)
12674-11-2	Aroclor 1016	ND	0.0112
11104-28-2	Aroclor 1221	ND	0.0206
12672-29-6	Aroclor 1248	ND	0.0140
53469-21-9	Aroclor 1242	ND	0.0160
11141-16-5	Aroclor 1232	ND	0.0064
11097-69-1	Aroclor 1254	ND	0.0040
11096-82-5	Aroclor 1260	ND	0.0036

MDL - Method Detection Limit
ND = Not detected at or above MDL

Initial Vol..(ml)) 1000
Final Vol.(ml) 10

COMMENTS:

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 3rd Qrtr.**	**Date Extracted:**	**9/18/2003**
Client ID:	**FIELDBLANK**	**Ext. Batch:**	**091803**
Lab ID:	**3059202**	**Date Analyzed:**	**9/18/2003**
Filename:	**PCB12519.D**	**DILUTION:**	**1**
Lab Project No:	**30592**	**QC Batch:**	**91803**
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) **1000.00**
Final Vol.(ml) **10.00**

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 3rd Qrtr.**	**Date Extracted:**	**9/18/2003**
Client ID:	**Dupe**	**Ext. Batch:**	**091803**
Lab ID:	**3059203**	**Date Analyzed:**	**9/18/2003**
Filename:	**PCB12520.D**	**DILUTION:**	**1**
Lab Project No:	**30592**	**QC Batch:**	**91803**
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 3rd Qrtr.**	**Date Extracted:**	**9/19/2003**
Client ID:	**Stream Site # 03**	**Ext. Batch:**	**091903**
Lab ID:	**3059224**	**Date Analyzed:**	**10/24/2003**
Filename:	**PCB12873.D**	**DILUTION:**	**1**
Lab Project No:	**30592**	**QC Batch:**	**91803**
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 3rd Qrtr.**	**Date Extracted:**	**9/18/2003**
Client ID:	**Stream Site # 04**	**Ext. Batch:**	**091803**
Lab ID:	**3059215**	**Date Analyzed:**	**9/18/2003**
Filename:	**PCB12532.D**	**DILUTION:**	**1**
Lab Project No:	**30592**	**QC Batch:**	**91803**
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 3rd Qrtr.**	**Date Extracted:**	**9/18/2003**
Client ID:	**Stream Site # 05**	**Ext. Batch:**	**091803**
Lab ID:	**3059216**	**Date Analyzed:**	**9/18/2003**
Filename:	**PCB12533.D**	**DILUTION:**	**1**
Lab Project No:	**30592**	**QC Batch:**	**91803**
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 3rd Qrtr.**	**Date Extracted:**	**9/18/2003**
Client ID:	**Stream Site # 07**	**Ext. Batch:**	**091803**
Lab ID:	**3059213**	**Date Analyzed:**	**9/18/2003**
Filename:	**PCB12530.D**	**DILUTION:**	**1**
Lab Project No:	**30592**	**QC Batch:**	**91803**
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 3rd Qrtr.**	**Date Extracted:**	**9/18/2003**
Client ID:	**Stream Site # 09**	**Ext. Batch:**	**091803**
Lab ID:	**3059207**	**Date Analyzed:**	**9/18/2003**
Filename:	**PCB12524.D**	**DILUTION:**	**1**
Lab Project No:	**30592**	**QC Batch:**	**91803**
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 3rd Qrtr.**	**Date Extracted:**	**9/18/2003**
Client ID:	**Stream Site # 11**	**Ext. Batch:**	**091803**
Lab ID:	**3059211**	**Date Analyzed:**	**9/18/2003**
Filename:	**PCB12528.D**	**DILUTION:**	**1**
Lab Project No:	**30592**	**QC Batch:**	**91803**
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 3rd Qrtr.**	**Date Extracted:**	**9/18/2003**
Client ID:	**Stream Site # 12**	**Ext. Batch:**	**091803**
Lab ID:	**3059209**	**Date Analyzed:**	**9/18/2003**
Filename:	**PCB12526.D**	**DILUTION:**	**1**
Lab Project No:	**30592**	**QC Batch:**	**91803**
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 3rd Qrtr.**	**Date Extracted:**	**9/19/2003**
Client ID:	**Stream Site # 13**	**Ext. Batch:**	**091903**
Lab ID:	**3059226**	**Date Analyzed:**	**10/24/2003**
Filename:	**PCB12875.D**	**DILUTION:**	**1**
Lab Project No:	**30592**	**QC Batch:**	**91803**
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 3rd Qrtr.**	**Date Extracted:**	**9/19/2003**
Client ID:	**Stream Site # 14**	**Ext. Batch:**	**091903**
Lab ID:	**3059225**	**Date Analyzed:**	**10/24/2003**
Filename:	**PCB12874.D**	**DILUTION:**	**1**
Lab Project No:	**30592**	**QC Batch:**	**91803**
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 3rd Qrtr.**	**Date Extracted:**	**9/18/2003**
Client ID:	**Stream Site # 15**	**Ext. Batch:**	**091803**
Lab ID:	**3059220**	**Date Analyzed:**	**9/19/2003**
Filename:	**PCB12537.D**	**DILUTION:**	**1**
Lab Project No:	**30592**	**QC Batch:**	**91803**
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 3rd Qrtr.**	**Date Extracted:**	**9/18/2003**
Client ID:	**Stream Site # 16**	**Ext. Batch:**	**091803**
Lab ID:	**3059217**	**Date Analyzed:**	**9/18/2003**
Filename:	**PCB12534.D**	**DILUTION:**	**1**
Lab Project No:	**30592**	**QC Batch:**	**91803**
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 3rd Qrtr.**	**Date Extracted:**	**9/19/2003**
Client ID:	**Stream Site # 17**	**Ext. Batch:**	**091903**
Lab ID:	**3059222**	**Date Analyzed:**	**10/24/2003**
Filename:	**PCB12871.D**	**DILUTION:**	**1**
Lab Project No:	**30592**	**QC Batch:**	**91803**
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol.(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 3rd Qrtr.**	**Date Extracted:**	**9/18/2003**
Client ID:	**Stream Site # 18**	**Ext. Batch:**	**091803**
Lab ID:	**3059210**	**Date Analyzed:**	**9/18/2003**
Filename:	**PCB12527.D**	**DILUTION:**	**1**
Lab Project No:	**30592**	**QC Batch:**	**91803**
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 3rd Qrtr.**	**Date Extracted:**	**9/18/2003**
Client ID:	**Stream Site # 19**	**Ext. Batch:**	**091803**
Lab ID:	**3059208**	**Date Analyzed:**	**9/18/2003**
Filename:	**PCB12525.D**	**DILUTION:**	**1**
Lab Project No:	**30592**	**QC Batch:**	**91803**
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 3rd Qrtr.**	**Date Extracted:**	**9/18/2003**
Client ID:	**Stream Site # 20**	**Ext. Batch:**	**091803**
Lab ID:	**3059206**	**Date Analyzed:**	**9/18/2003**
Filename:	**PCB12523.D**	**DILUTION:**	**1**
Lab Project No:	**30592**	**QC Batch:**	**91803**
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 3rd Qrtr.**	**Date Extracted:**	**9/18/2003**
Client ID:	**Stream Site # 21**	**Ext. Batch:**	**091803**
Lab ID:	**3059205**	**Date Analyzed:**	**9/18/2003**
Filename:	**PCB12522.D**	**DILUTION:**	**1**
Lab Project No:	**30592**	**QC Batch:**	**91803**
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) **1000.00**
Final Vol.(ml) **10.00**

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 3rd Qrtr.**	**Date Extracted:**	**9/18/2003**
Client ID:	**Stream Site # 22**	**Ext. Batch:**	**091803**
Lab ID:	**3059204**	**Date Analyzed:**	**9/18/2003**
Filename:	**PCB12521.D**	**DILUTION:**	**1**
Lab Project No:	**30592**	**QC Batch:**	**91803**
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 3rd Qrtr.**	**Date Extracted:**	**9/18/2003**
Client ID:	**Stream Site # 23**	**Ext. Batch:**	**091803**
Lab ID:	**3059219**	**Date Analyzed:**	**9/19/2003**
Filename:	**PCB12536.D**	**DILUTION:**	**1**
Lab Project No:	**30592**	**QC Batch:**	**91803**
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 3rd Qrtr.**	**Date Extracted:**	**9/18/2003**
Client ID:	**Stream Site # 24**	**Ext. Batch:**	**091803**
Lab ID:	**3059218**	**Date Analyzed:**	**9/18/2003**
Filename:	**PCB12535.D**	**DILUTION:**	**1**
Lab Project No:	**30592**	**QC Batch:**	**91803**
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 3rd Qrtr.**	**Date Extracted:**	**9/19/2003**
Client ID:	**Stream Site # 25**	**Ext. Batch:**	**091903**
Lab ID:	**3059221**	**Date Analyzed:**	**10/24/2003**
Filename:	**PCB12870.D**	**DILUTION:**	**1**
Lab Project No:	**30592**	**QC Batch:**	**91803**
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 3rd Qrtr.**	**Date Extracted:**	**9/19/2003**
Client ID:	**Stream Site # 26**	**Ext. Batch:**	**091903**
Lab ID:	**3059223**	**Date Analyzed:**	**10/24/2003**
Filename:	**PCB12872.D**	**DILUTION:**	**1**
Lab Project No:	**30592**	**QC Batch:**	**91803**
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol.(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 3rd Qrtr.**	**Date Extracted:**	**9/18/2003**
Client ID:	**Stream Site # 27**	**Ext. Batch:**	**091803**
Lab ID:	**3059212**	**Date Analyzed:**	**9/18/2003**
Filename:	**PCB12529.D**	**DILUTION:**	**1**
Lab Project No:	**30592**	**QC Batch:**	**91803**
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 3rd Qrtr.**	**Date Extracted:**	**9/18/2003**
Client ID:	**Stream Site # 28**	**Ext. Batch:**	**091803**
Lab ID:	**3059214**	**Date Analyzed:**	**9/18/2003**
Filename:	**PCB12531.D**	**DILUTION:**	**1**
Lab Project No:	**30592**	**QC Batch:**	**91803**
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

WET CHEMISTRY

Stream Water Analysis

3rd Quarter 2003

Sample ID	Date Sampled	Stream Site#	pH	Ammonia (mg/L)	Nitrates (mg/L)	Phosphate (mg/L as PO4)	Sulfate (mg/L)	DO (mg/L)	T.Coliform (cfu/100ml)	F.Coliform (cfu/100ml)	% Salinity
3059204	9/17/03	22	7.76	ND	ND	0.50	1320	8.53	1020	40	18
3059205	9/17/03	21	7.79	ND	ND	0.56	1240	8.63	740	40	19
3059206	9/17/03	20	7.80	ND	0.50	0.47	1210	8.64	1160	10	19
3059207	9/17/03	09	7.84	0.13	1.22	0.04	153	8.31	5400	ND	14
3059208	9/17/03	19	7.86	ND	1.74	0.07	13.9	8.59	1120	30	2
3059209	9/17/03	12	7.76	ND	1.94	0.07	11.4	7.91	2760	ND	0
3059210	9/17/03	18	7.78	ND	1.49	0.04	11.2	7.87	1020	20	0
3059211	9/17/03	11	7.84	ND	3.00	0.14	15.0	8.39	7700	30	0
3059212	9/17/03	27	7.91	0.18	1.38	0.10	32.5	8.11	2480	ND	10
3059213	9/17/03	07	7.86	0.17	1.38	0.45	33.5	8.09	2400	20	9
3059214	9/17/03	28	7.88	0.17	1.42	0.31	33.3	8.10	1640	20	9
3059215	9/17/03	04	7.80	0.18	1.32	0.15	33.1	7.98	1320	10	8
3059216	9/17/03	05	7.65	0.19	1.50	0.16	24.1	7.93	920	10	7
3059217	9/17/03	16	7.53	0.17	1.37	0.06	19.5	7.91	1900	10	7
3059218	9/17/03	24	7.55	0.22	1.52	0.10	18.6	7.86	3240	ND	6
3059219	9/17/03	23	7.57	0.17	1.48	0.07	18.8	7.89	2240	ND	1
3059220	9/17/03	15	7.55	0.17	1.40	0.16	19.7	7.76	1720	10	0
3059221	9/17/03	25	7.79	0.12	1.53	0.31	21.8	7.83	5400	30	8
3059222	9/17/03	17	7.81	0.13	1.62	0.35	21.4	7.89	10200	70	8
3059223	9/17/03	26	7.76	0.15	1.74	0.28	22.0	7.88	3960	ND	7
3059224	9/17/03	03	7.75	0.17	1.43	0.22	22.7	7.86	3360	ND	7
3059225	9/17/03	14	7.76	ND	1.42	0.25	19.7	7.88	4520	ND	0
3059226	9/17/03	13	7.53	0.19	1.46	0.11	20.9	8.00	2280	ND	0

mg/L = Parts Per Million
cfu = Colony Forming Units
ND = Not detected
TNTC = Too Numerous to Count

Completed: 10/08/03
Reviewed: 10/09/03

10-29-03

Daniel K. Wright
Laboratory Director

LTM

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
07/17/1997	FMETL	ND	ND	ND	ND						
10/30/1997	FMETL	ND	ND	ND	ND						
02/10/1998	FMETL	ND	ND	ND	ND						
04/21/1998	FMETL	ND	ND	ND	ND						
08/19/1998	FMETL	ND	ND	ND	ND						
11/18/1998	FMETL	ND	ND	1.09	ND						
02/25/1999	FMETL	ND	ND	ND	ND						
06/29/1999	FMETL	ND	ND	ND	ND						
09/22/1999	FMETL	ND	ND	ND	ND						
12/09/1999	FMETL	ND	ND	ND	ND						
03/01/2000	FMETL	ND	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	ND	ND	ND	ND						
11/20/2000	FMETL	ND	ND	ND	ND						
03/08/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/05/2002	FMETL	ND	ND	ND	ND						V,P
03/24/2003	FMETL	ND	ND	ND	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND					V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND					V,P

SOURCE: 3

Sampling Dates:
07/17/1997 - 09/17/2003

NOTES:

Stream 3 is Fresh-Water.
MeCl limit is 2.49 ug/L.
PCE limit is 0.388 ug/L.

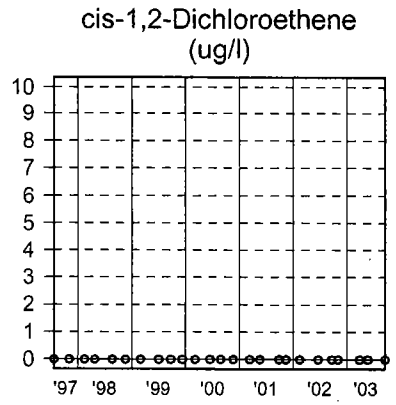
Page 1 of 1

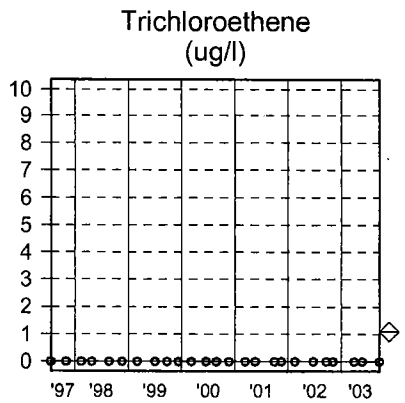
Fort Monmouth

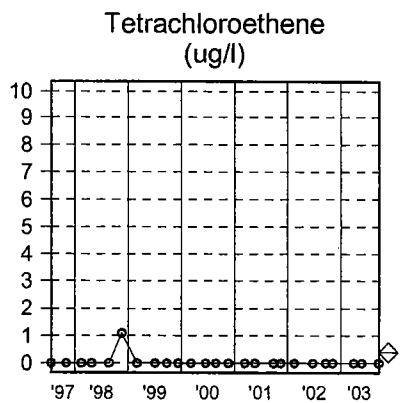
GW Monitoring
Streams

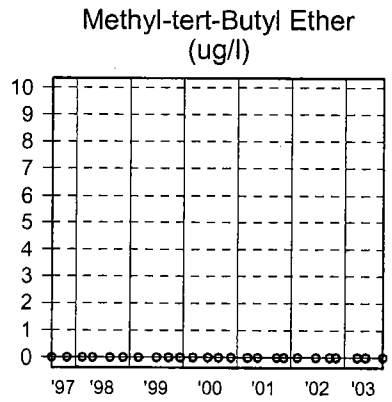
Source 1 of 23

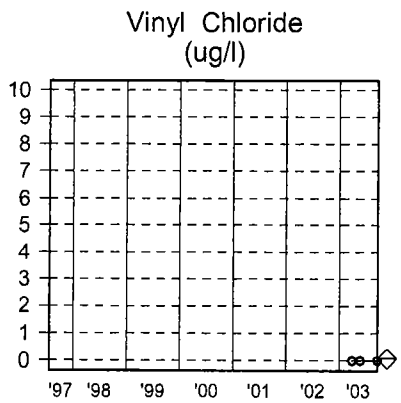
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 3

Sampling Dates:
07/17/1997 - 09/17/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 1 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	2.18	ND	ND	ND						
07/17/1997	FMETL	1.63	ND	1.61	ND						
10/30/1997	FMETL	ND	ND	1.24	ND						
02/10/1998	FMETL	ND	ND	6.61	ND						
04/21/1998	FMETL	ND	ND	4.42	ND						
08/19/1998	FMETL	1.92	1.10	2.85	ND						
11/17/1998	FMETL	1.19	ND	1.62	ND						
02/25/1999	FMETL	ND	ND	5.61	ND						
06/29/1999	FMETL	2.41	1.56	5.27	ND						
09/22/1999	FMETL	2.02	ND	1.85	ND						
12/09/1999	FMETL	ND	ND	ND	ND						
03/01/2000	FMETL	1.23	1.26	6.18	2.18						
06/12/2000	FMETL	ND	ND	4.37	ND						
08/24/2000	FMETL	1.19	1.19	3.19	ND						
11/20/2000	FMETL	ND	ND	3.70	ND						-
03/08/2001	FMETL	ND	ND	2.52	ND						-
05/16/2001	FMETL	ND	ND	2.95	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	1.64	ND						V
06/18/2002	FMETL	ND	ND	1.97	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND						V,P
03/13/2003	FMETL	0.57	0.51	2.33	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND					V,P
09/17/2003	FMETL	1.14	ND	1.13	ND	ND					V,P

SOURCE: 4

Sampling Dates:
04/08/1997 - 09/17/2003

NOTES:

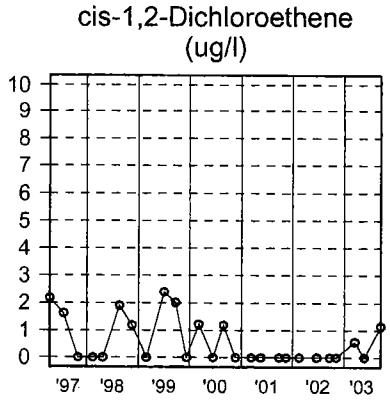
PAGE 1 OF 1
Stream 4 is Salt-Water.
MTBE limit is NLE
cis-1,2-Di limit is NLE
TCE limit is 81
PCE limit is 4.29

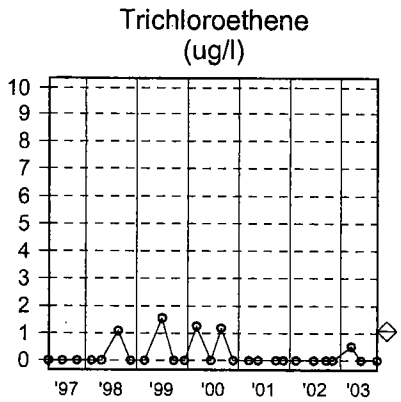
Fort Monmouth

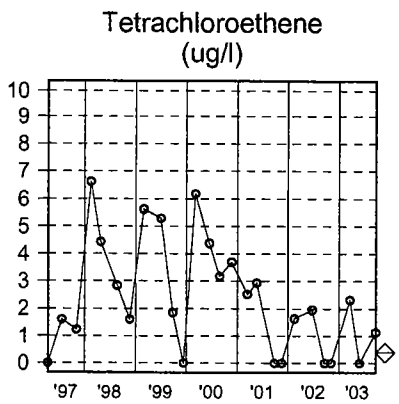
GW Monitoring
Streams

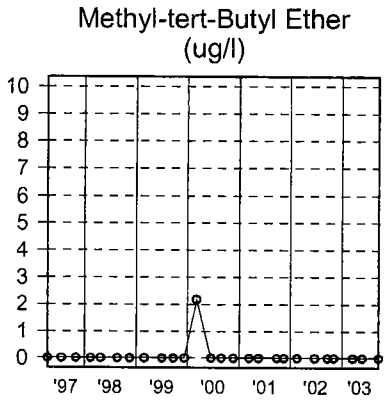
Source 2 of 23

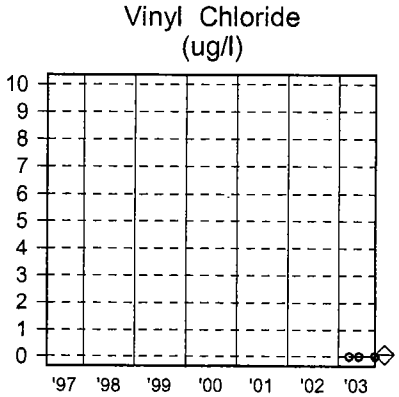
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 4

Sampling Dates:
04/08/1997 - 09/17/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 2 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-29-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	1.80	ND	2.28	ND						
07/17/1997	FMETL	3.66	ND	3.54	ND						
10/30/1997	FMETL	1.83	ND	1.70	ND						
02/10/1998	FMETL	ND	ND	6.34	ND						
04/21/1998	FMETL	ND	ND	4.48	ND						
08/19/1998	FMETL	2.28	1.27	3.39	ND						
11/17/1998	FMETL	1.67	ND	2.17	ND						
02/25/1999	FMETL	ND	ND	5.45	ND						
06/29/1999	FMETL	2.74	1.74	6.04	ND						
09/22/1999	FMETL	1.96	ND	1.82	ND						
12/09/1999	FMETL	1.60	ND	3.82	ND						
03/01/2000	FMETL	1.27	1.36	6.62	2.34						
06/12/2000	FMETL	ND	ND	4.38	ND						
08/24/2000	FMETL	1.19	ND	3.44	ND						
11/20/2000	FMETL	ND	ND	3.58	ND						-
03/08/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	0.97	ND	4.09	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	1.51	ND	1.99	ND						-
02/11/2002	FMETL	ND	ND	2.44	ND						V
06/18/2002	FMETL	ND	ND	2.39	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND						V,P
03/13/2003	FMETL	0.81	0.71	3.08	ND	ND					V,P
05/21/2003	FMETL	ND	ND	3.54	ND	ND					V,P
09/17/2003	FMETL	1.36	ND	1.23	ND	ND					V,P

SOURCE: 5

Sampling Dates:
04/08/1997 - 09/17/2003

NOTES:

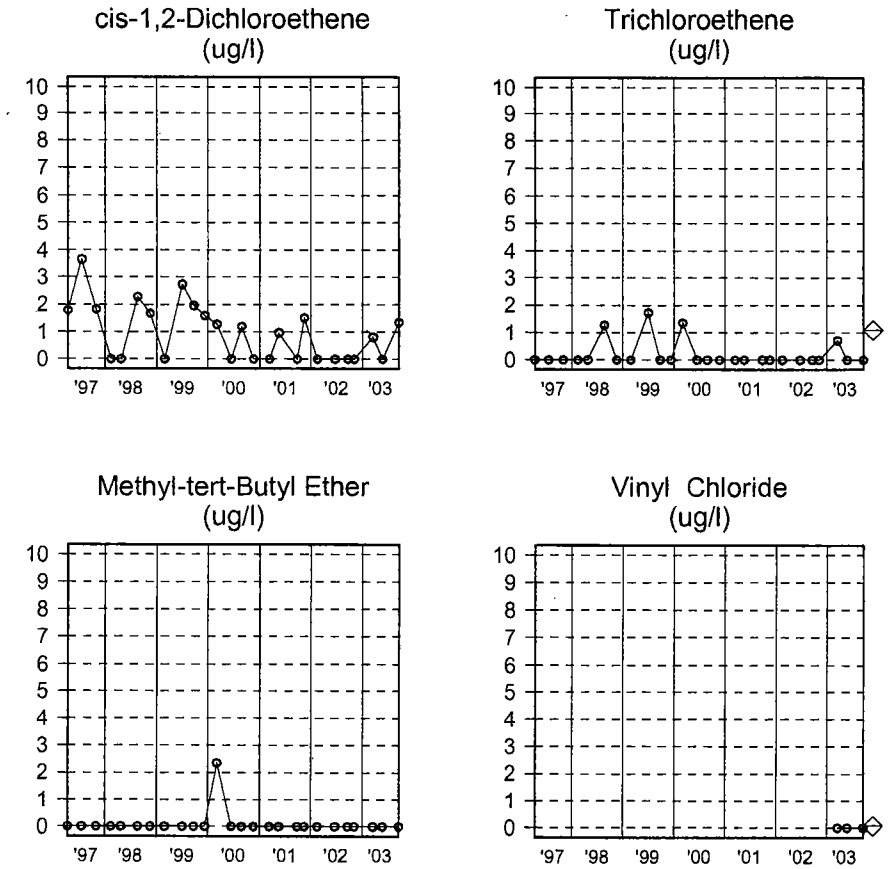
Page 1 of 1
Stream 5 is Salt-Water.
MeCl limit is 1600 ug/L.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 3 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 5

Sampling Dates:
04/08/1997 - 09/17/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 3 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	ND	ND	ND	ND						
07/17/1997	FMETL	1.14	ND	1.08	ND						
10/30/1997	FMETL	ND	ND	ND	ND						
02/10/1998	FMETL	ND	ND	2.04	ND						
04/21/1998	FMETL	ND	ND	2.40	ND						
08/19/1998	FMETL	ND	ND	ND	ND						
11/17/1998	FMETL	ND	ND	ND	ND						
02/25/1999	FMETL	ND	ND	2.85	ND						
06/29/1999	FMETL	ND	ND	1.42	2.00						
09/22/1999	FMETL	ND	ND	ND	ND						
12/09/1999	FMETL	ND	ND	ND	ND						
03/01/2000	FMETL	1.19	1.30	6.47	2.14						
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	ND	ND	1.77	ND						
11/20/2000	FMETL	ND	ND	1.94	ND						-
03/08/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND						V,P
03/13/2003	FMETL	ND	ND	1.61	ND	ND					V,P
05/21/2003	FMETL	ND	ND	2.67	ND	ND					V,P
09/17/2003	FMETL	1.17	ND	1.08	ND	ND					V,P

SOURCE: 7

Sampling Dates:
04/08/1997 - 09/17/2003

NOTES:

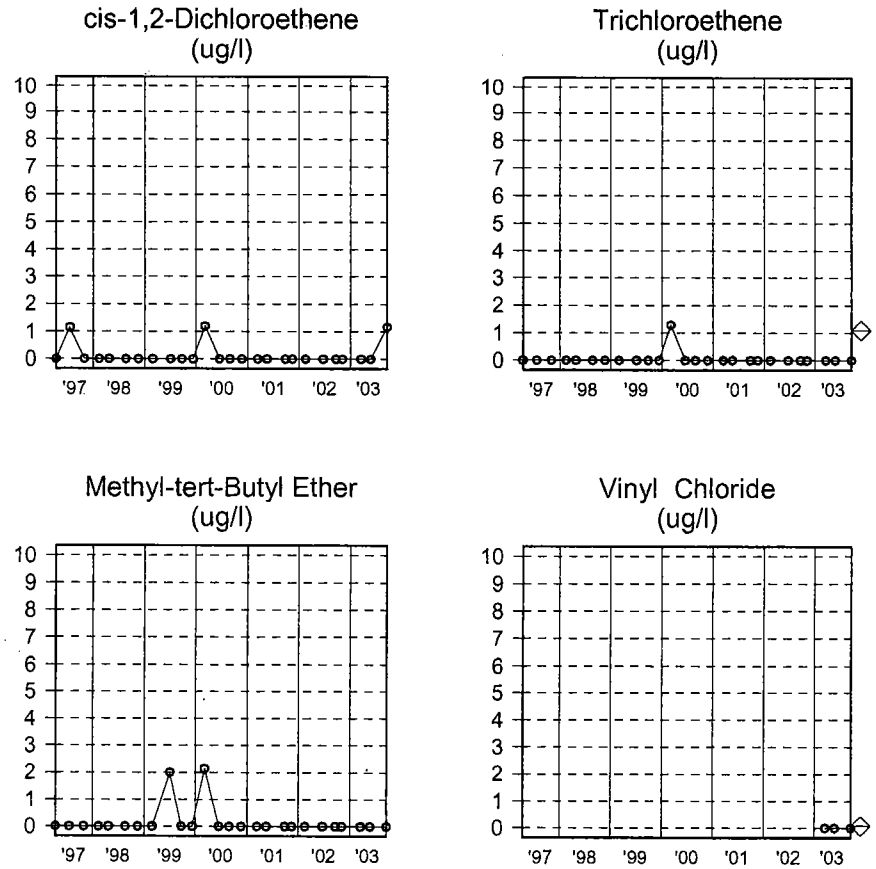
Page 1 of 1
Stream 7 is Salt-Water.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.
Acetone limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 4 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 7

Sampling Dates:
04/08/1997 - 09/17/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 4 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	2.78	ND	ND	ND						
07/17/1997	FMETL	ND	ND	ND	ND						
10/30/1997	FMETL	2.14	ND	ND	ND						
02/10/1998	FMETL	6.00	ND	ND	ND						
04/21/1998	FMETL	4.73	ND	ND	ND						
08/19/1998	FMETL	1.69	ND	ND	ND						
11/17/1998	FMETL	ND	ND	ND	ND						
02/25/1999	FMETL	1.78	ND	ND	ND						
06/29/1999	FMETL	ND	ND	ND	ND						
09/21/1999	FMETL	1.91	ND	ND	ND						
12/09/1999	FMETL	ND	ND	ND	ND						
03/01/2000	FMETL	2.17	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	1.11	ND	ND	ND						
11/20/2000	FMETL	ND	ND	ND	ND						-
11/20/2000D	FMETL	ND	ND	ND	ND						-
02/21/2001	FMETL	1.72	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/11/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	1.24	ND	ND	ND						V,P
03/13/2003	FMETL	9.40	ND	ND	ND	ND					V,P
05/21/2003	FMETL	1.48	ND	ND	ND	ND					V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND					V,P

SOURCE: 9

Sampling Dates:
04/08/1997 - 09/17/2003

NOTES:

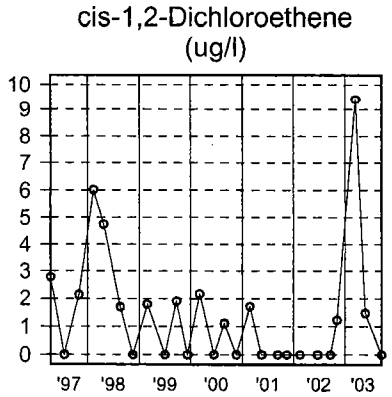
PAGE 1 OF 1
Stream 9 is Salt-Water.
MeCl limit is 1600 ug/L.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.

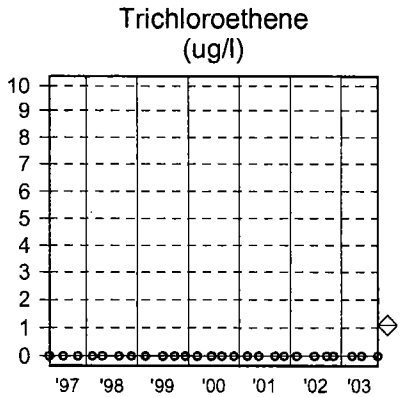
Fort Monmouth

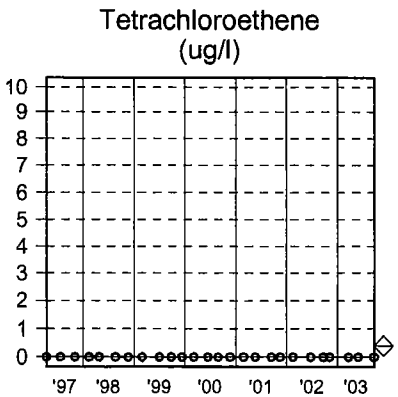
GW Monitoring
Streams

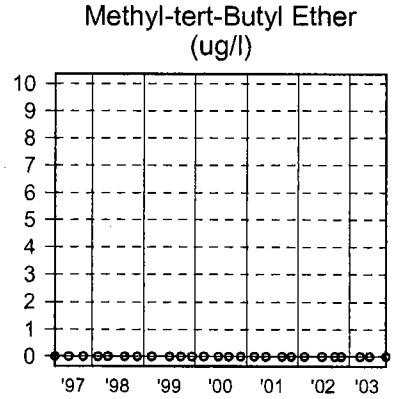
Source 5 of 23

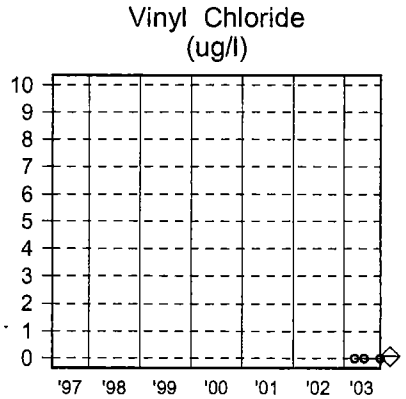
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 9

Sampling Dates:
04/08/1997 - 09/17/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 5 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-29-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	18.72	1.58	ND	ND						
07/17/1997	FMETL	14.13	ND	ND	ND						
10/30/1997	FMETL	18.23	ND	ND	ND						
02/10/1998	FMETL	24.71	2.14	ND	ND						
04/21/1998	FMETL	21.66	1.82	ND	ND						
08/19/1998	FMETL	11.73	ND	ND	ND						
11/18/1998	FMETL	8.82	ND	ND	ND						
02/25/1999	FMETL	9.11	ND	ND	ND						
06/29/1999	FMETL	5.77	ND	ND	ND						
09/21/1999	FMETL	15.62	ND	ND	ND						
12/09/1999	FMETL	11.90	ND	ND	ND						
03/01/2000	FMETL	11.01	ND	ND	1.64						
06/12/2000	FMETL	8.03	ND	ND	ND						
08/24/2000	FMETL	9.08	ND	ND	ND						
08/24/2000D	FMETL	8.70	ND	ND	ND						
11/20/2000	FMETL	5.34	ND	ND	ND						-
02/21/2001	FMETL	8.26	ND	ND	ND						-
05/16/2001	FMETL	5.21	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	1.93	ND	ND	ND						-
02/11/2002	FMETL	1.05	ND	ND	ND						V
06/18/2002	FMETL	3.08	ND	ND	ND						V,P
09/18/2002	FMETL	4.17	ND	ND	ND						V,P
11/05/2002	FMETL	7.48	ND	ND	ND	1.33					V,P
03/13/2003	FMETL	24.28	0.67	ND	0.79	3.37					V,P
05/21/2003	FMETL	14.79	ND	ND	ND	1.41					V,P
09/17/2003	FMETL	7.79	ND	ND	ND	1.74					V,P

SOURCE: 11

Sampling Dates:
04/08/1997 - 09/17/2003

NOTES:

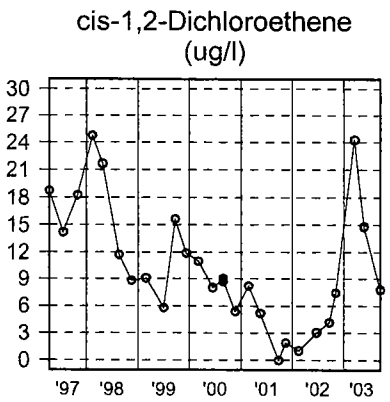
Page 1 of1
Stream 11 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09 ug/L.
MTBE limit is NLE.

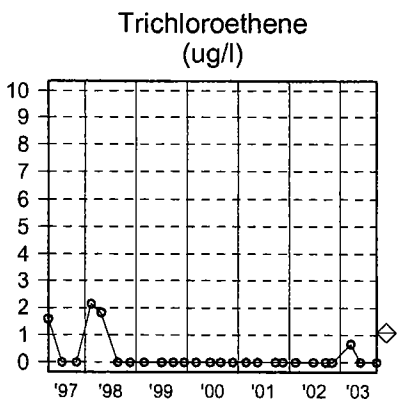
Fort Monmouth

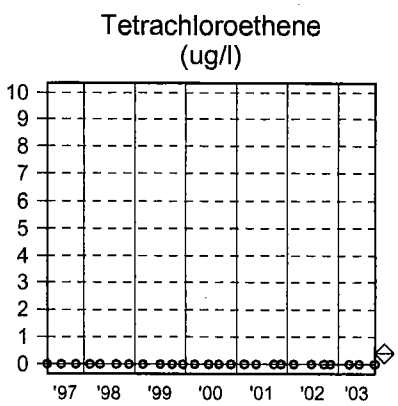
GW Monitoring
Streams

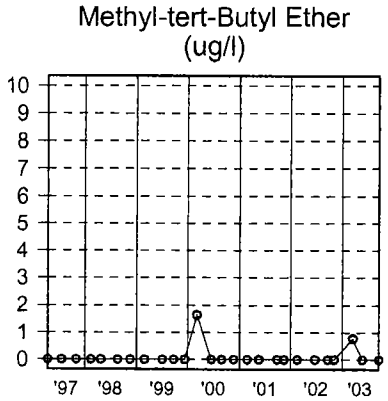
Source 6 of 23

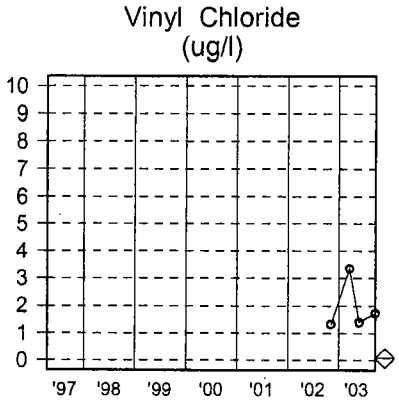
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 11

Sampling Dates:
04/08/1997 - 09/17/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 6 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-29-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	6.63	ND	ND	ND						
07/17/1997	FMETL	ND	ND	ND	ND						
10/30/1997	FMETL	5.67	ND	ND	ND						
02/10/1998	FMETL	6.54	ND	ND	ND						
04/21/1998	FMETL	ND	ND	ND	ND						
08/19/1998	FMETL	4.58	ND	ND	ND						
11/18/1998	FMETL	2.48	ND	ND	ND						
02/25/1999	FMETL	1.80	ND	ND	ND						
06/29/1999	FMETL	1.39	ND	ND	ND						
09/21/1999	FMETL	3.67	ND	ND	ND						
12/09/1999	FMETL	2.74	ND	ND	ND						
03/01/2000	FMETL	3.13	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	2.00	ND	ND	ND						
11/20/2000	FMETL	1.87	ND	ND	ND						-
02/21/2001	FMETL	1.89	ND	ND	ND						-
05/16/2001	FMETL	1.66	ND	ND	ND						-
05/16/2001D	FMETL	1.72	ND	ND	ND						-
09/11/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/05/2002	FMETL	5.16	ND	ND	ND	ND					V,P
03/13/2003	FMETL	9.43	ND	ND	1.18	1.30					V,P
05/21/2003	FMETL	3.90	ND	ND	ND	ND					V,P
09/17/2003	FMETL	2.91	ND	ND	ND	ND					V,P

SOURCE: 12

Sampling Dates:
04/08/1997 - 09/17/2003

NOTES:

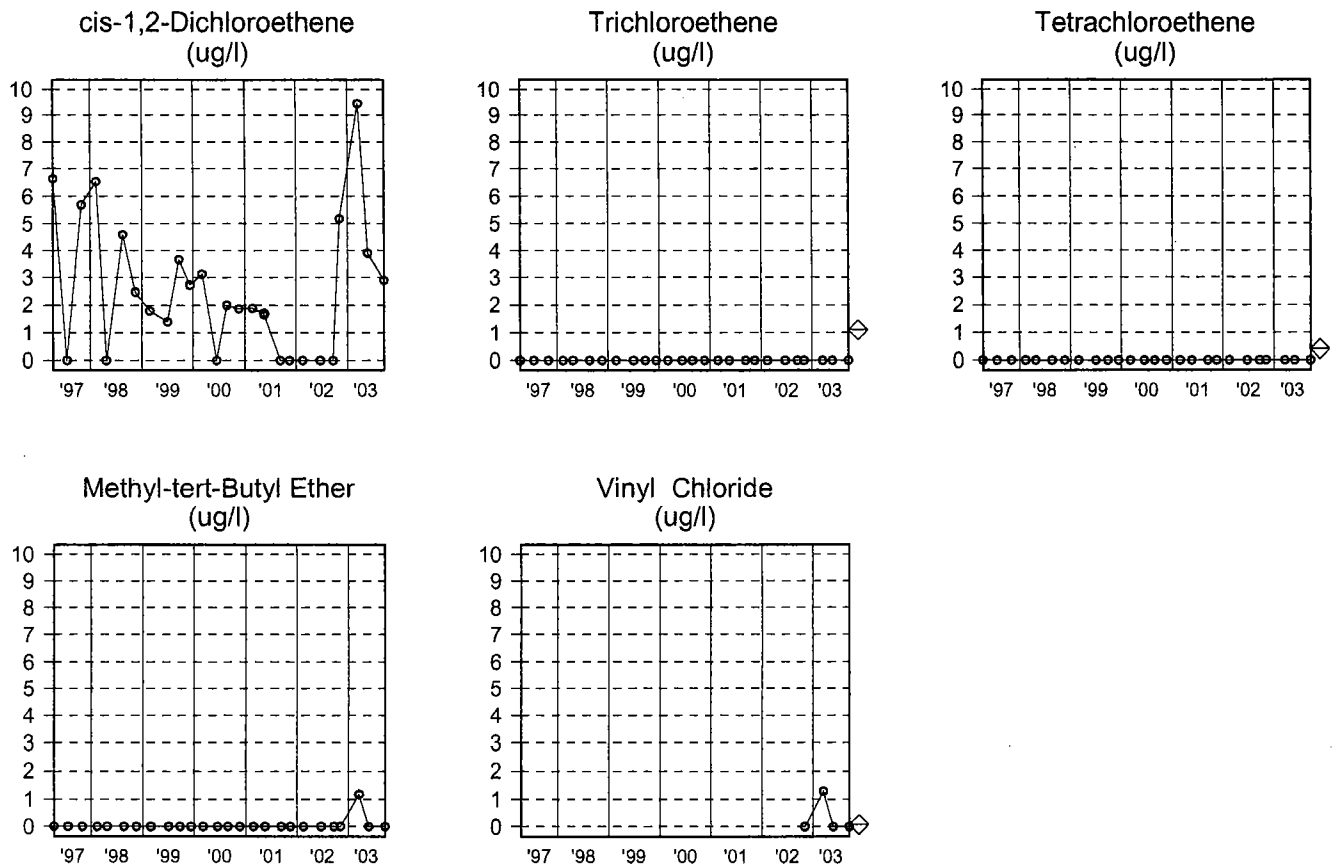
Page 1 of 1
Stream 12 is Fresh-Water.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 7 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 12

Sampling Dates:
04/08/1997 - 09/17/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 7 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	ND	ND	ND	ND						
07/17/1997	FMETL	ND	ND	ND	ND						
10/30/1997	FMETL	ND	ND	ND	ND						
02/10/1998	FMETL	ND	ND	ND	ND						
04/21/1998	FMETL	ND	ND	ND	ND						
08/19/1998	FMETL	ND	ND	ND	ND						
11/18/1998	FMETL	ND	ND	ND	ND						
02/25/1999	FMETL	ND	ND	ND	ND						
06/29/1999	FMETL	ND	ND	ND	ND						
09/22/1999	FMETL	ND	ND	ND	ND						
12/09/1999	FMETL	ND	ND	3.94	ND						
03/01/2000	FMETL	1.35	1.40	6.92	2.40						
06/12/2000	FMETL	ND	ND	5.56	ND						
08/24/2000	FMETL	2.17	1.78	5.40	ND						
11/20/2000	FMETL	ND	ND	6.58	ND						-
02/21/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/05/2002	FMETL	ND	ND	1.46	ND	ND					V,P
03/24/2003	FMETL	ND	ND	ND	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND					V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND					V,P

SOURCE: 13

Sampling Dates:
04/08/1997 - 09/17/2003

NOTES:

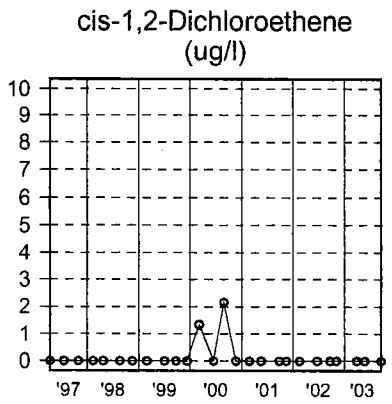
Page 1 of 1
Stream 13 is Fresh-Water.
MeCl limit is 2.49 ug/L.
cis-1,2-Di limit is NLE.
TCE limit is 1.09.
PCE limit is 0.388 ug/L.
Acetone limit is NLE.
MTBE limit is NLE.

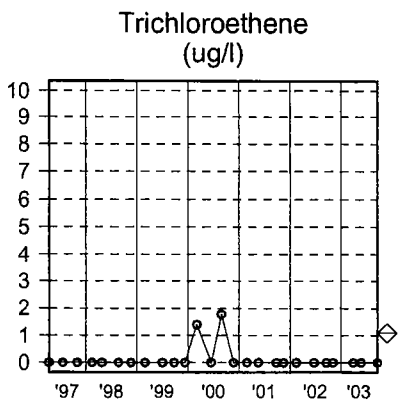
Fort Monmouth

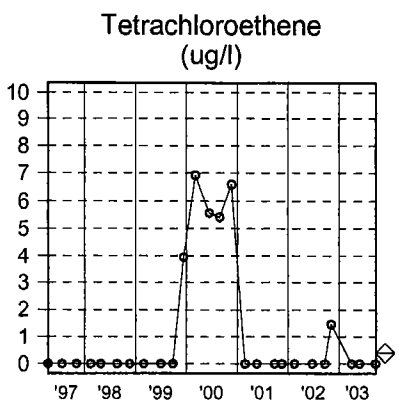
GW Monitoring
Streams

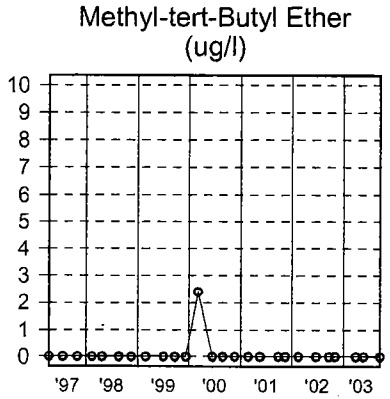
Source 8 of 23

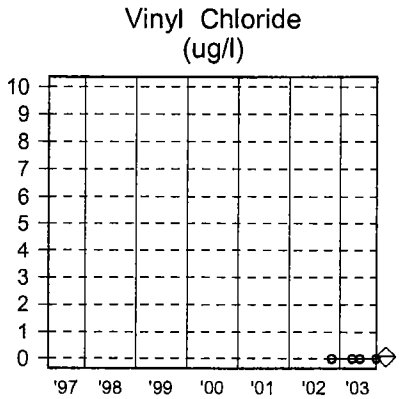
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 13

Sampling Dates:
04/08/1997 - 09/17/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 8 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-29-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	ND	ND	ND	ND						
07/17/1997	FMETL	ND	ND	ND	ND						
10/30/1997	FMETL	1.59	1.75	ND	ND						
02/10/1998	FMETL	ND	ND	ND	ND						
04/21/1998	FMETL	ND	ND	ND	ND						
08/19/1998	FMETL	ND	ND	ND	ND						
11/18/1998	FMETL	ND	ND	ND	ND						
02/25/1999	FMETL	ND	ND	ND	ND						
06/29/1999	FMETL	ND	ND	ND	ND						
09/22/1999	FMETL	ND	ND	ND	ND						
12/09/1999	FMETL	11.26	ND	ND	ND						
03/01/2000	FMETL	ND	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	ND	ND	ND	ND						
11/20/2000	FMETL	ND	ND	ND	ND						-
03/08/2001	FMETL	ND	ND	ND	ND						-
03/08/2001D	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/05/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/24/2003	FMETL	ND	ND	ND	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND					V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND					V,P

SOURCE: 14

Sampling Dates:
04/08/1997 - 09/17/2003

NOTES:

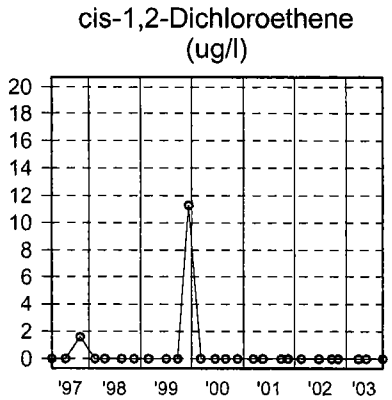
Page 1 of 1
Stream 14 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09.
Acetone limit is NLE.

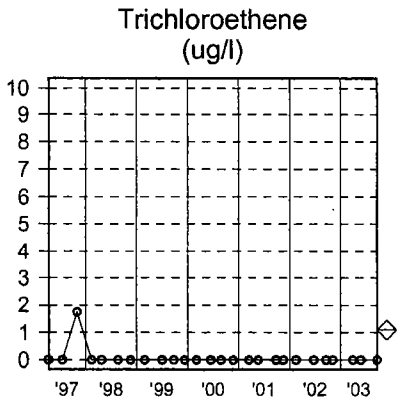
Fort Monmouth

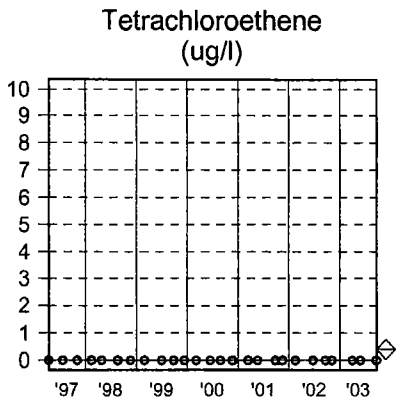
GW Monitoring
Streams

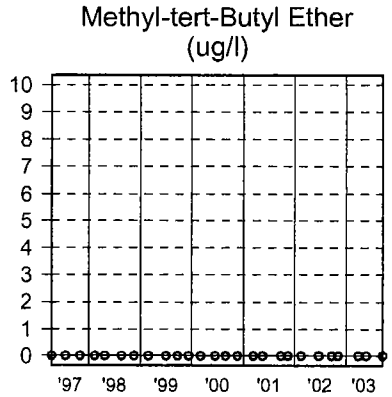
Source 9 of 23

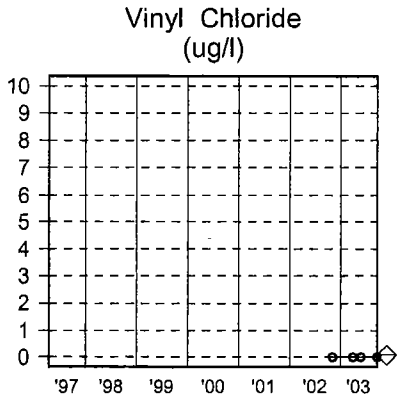
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 14

Sampling Dates:
04/08/1997 - 09/17/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 9 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	2.69	1.60	6.00	ND						
07/17/1997	FMETL	5.53	2.50	7.12	ND						
10/30/1997	FMETL	2.57	ND	2.72	ND						
02/10/1998	FMETL	ND	1.03	6.90	ND						
04/21/1998	FMETL	1.22	1.21	5.72	ND						
08/19/1998	FMETL	3.89	2.06	5.39	ND						
11/18/1998	FMETL	ND	ND	ND	ND						
02/25/1999	FMETL	ND	ND	7.33	ND						
06/29/1999	FMETL	4.17	2.40	7.86	ND						
09/21/1999	FMETL	3.59	1.37	2.61	ND						
12/09/1999	FMETL	ND	ND	4.08	ND						
03/01/2000	FMETL	1.39	1.39	6.95	2.38						
06/12/2000	FMETL	ND	ND	5.94	ND						
08/24/2000	FMETL	2.02	1.09	5.20	ND						
11/20/2000	FMETL	ND	ND	6.29	ND						-
02/21/2001	FMETL	ND	ND	7.19	ND						-
05/16/2001	FMETL	1.50	ND	6.64	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
09/25/2001D	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	3.09	ND	3.49	ND						-
02/11/2002	FMETL	ND	ND	2.65	ND						V
06/18/2002	FMETL	1.63	ND	2.67	ND						V,P
09/18/2002	FMETL	2.39	ND	2.55	ND						V,P
11/05/2002	FMETL	ND	ND	1.52	ND	ND					V,P
03/24/2003	FMETL	1.44	1.11	3.96	ND	ND					V,P
05/21/2003	FMETL	1.89	ND	3.84	ND	ND					V,P
09/17/2003	FMETL	1.64	ND	1.60	ND	ND					V,P

SOURCE: 15

Sampling Dates:
04/08/1997 - 09/17/2003

NOTES:

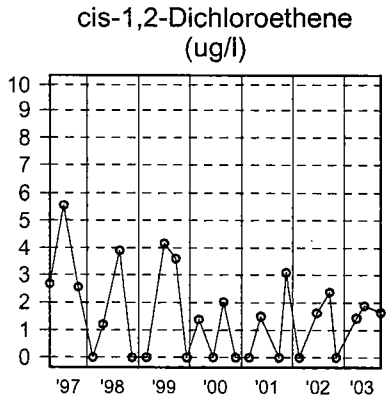
Page 1 of 1
Stream 15 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09 ug/L.
PCE limit is 0.388 ug/L.
MTBE limit is NLE.

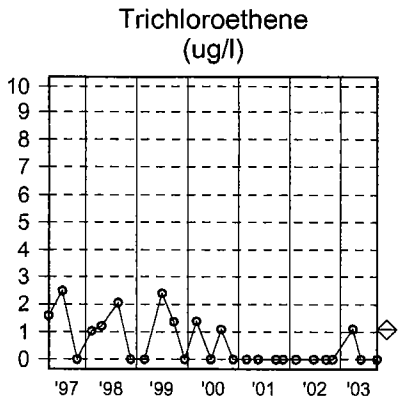
Fort Monmouth

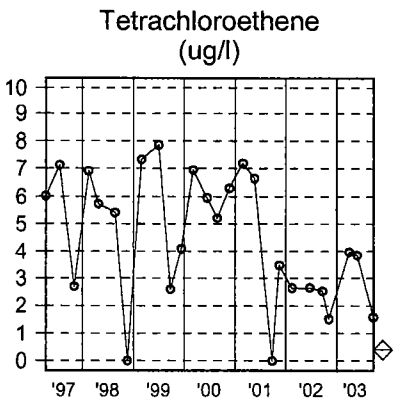
GW Monitoring
Streams

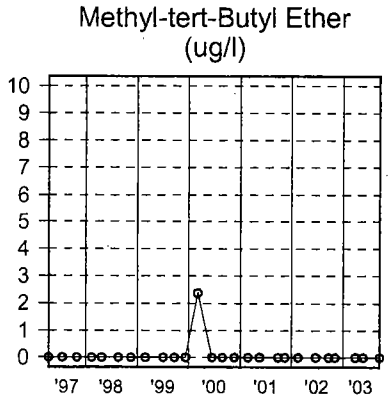
Source 10 of 23

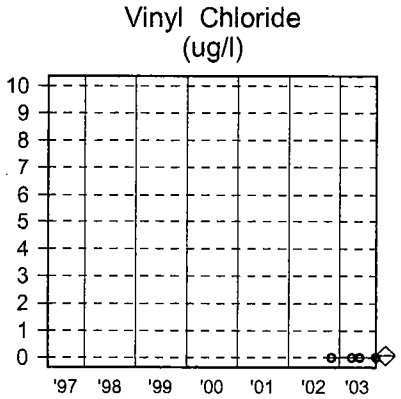
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 15

Sampling Dates:
04/08/1997 - 09/17/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 10 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	2.05	1.26	4.47	ND						
07/17/1997	FMETL	2.55	ND	4.72	ND						
10/30/1997	FMETL	1.76	ND	1.86	ND						
02/10/1998	FMETL	ND	ND	6.23	ND						
04/21/1998	FMETL	ND	ND	4.58	ND						
08/19/1998	FMETL	2.94	1.63	4.33	ND						
11/18/1998	FMETL	ND	ND	1.48	ND						
02/25/1999	FMETL	ND	ND	6.06	ND						
06/29/1999	FMETL	3.56	2.25	7.70	ND						
09/22/1999	FMETL	2.74	ND	2.63	ND						
12/09/1999	FMETL	1.79	ND	4.13	ND						
03/01/2000	FMETL	1.28	1.27	6.47	2.33						
06/12/2000	FMETL	ND	ND	3.74	ND						
08/24/2000	FMETL	1.68	1.28	4.47	ND						
11/20/2000	FMETL	ND	ND	4.49	ND						-
02/21/2001	FMETL	ND	ND	6.25	ND						-
05/16/2001	FMETL	1.23	ND	4.91	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	1.41	ND	2.00	ND						-
02/11/2002	FMETL	ND	ND	2.47	ND						V
06/18/2002	FMETL	1.35	ND	2.46	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/05/2002	FMETL	ND	ND	1.49	ND	ND					V,P
03/13/2003	FMETL	0.90	0.74	3.21	ND	ND					V,P
05/21/2003	FMETL	1.85	ND	3.68	ND	ND					V,P
09/17/2003	FMETL	1.79	ND	1.70	ND	ND					V,P

SOURCE: 16

Sampling Dates:
04/08/1997 - 09/17/2003

NOTES:

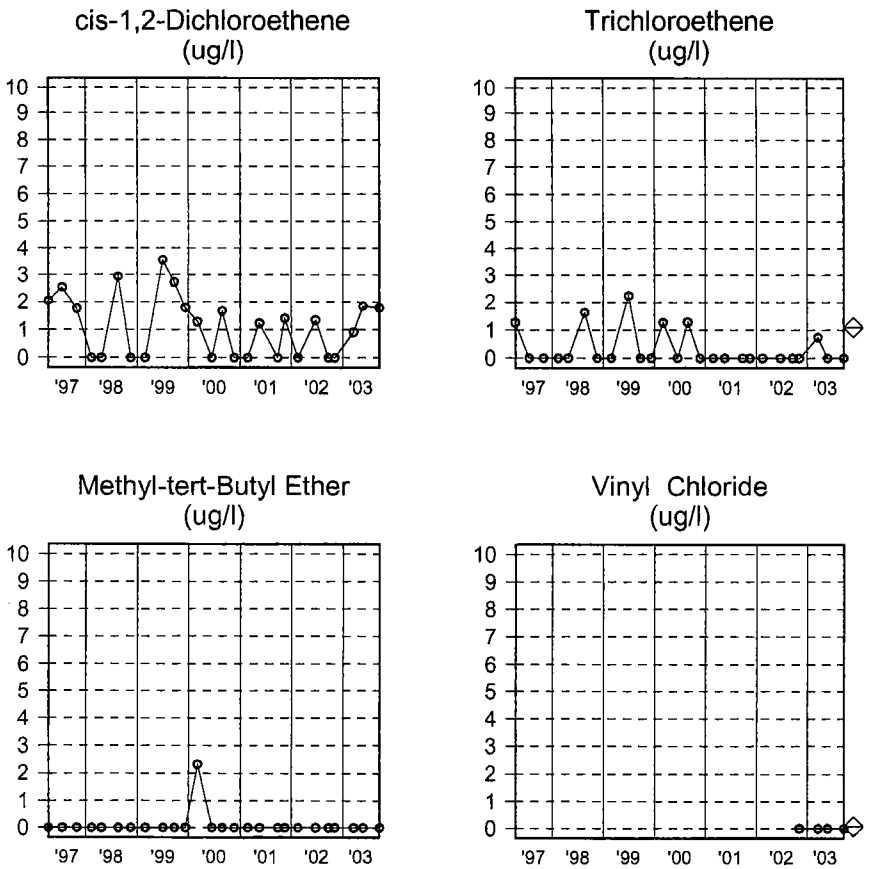
Page 1 of 1
Stream 16 is Salt-Water.
cis-1,2-di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 11 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 16

Sampling Dates:
04/08/1997 - 09/17/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 11 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	ND	ND	ND	ND						
07/17/1997	FMETL	ND	ND	ND	ND						
10/30/1997	FMETL	ND	ND	ND	ND						
02/10/1998	FMETL	ND	ND	ND	ND						
04/21/1998	FMETL	ND	ND	ND	ND						
08/19/1998	FMETL	ND	ND	ND	ND						
11/18/1998	FMETL	4.43	2.12	5.09	ND						
02/25/1999	FMETL	ND	ND	ND	ND						
06/29/1999	FMETL	ND	ND	ND	ND						
09/22/1999	FMETL	1.09	ND	ND	ND						
12/09/1999	FMETL	ND	ND	ND	ND						
03/01/2000	FMETL	ND	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	ND	ND	ND	ND						
11/20/2000	FMETL	ND	ND	ND	ND						-
03/08/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/24/2003	FMETL	ND	ND	ND	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND					V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND					V,P

SOURCE: 17

Sampling Dates:
04/08/1997 - 09/17/2003

NOTES:

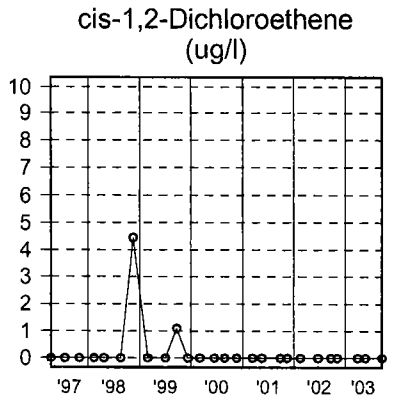
Page 1 of 1
stream 17 is Salt-Water.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
Acetone limit is NLE.
Chlorobenzene limit is 21000 ug/L.

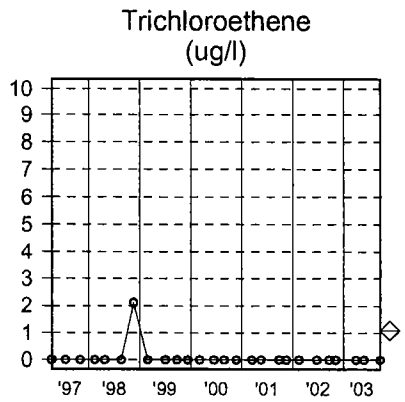
Fort Monmouth

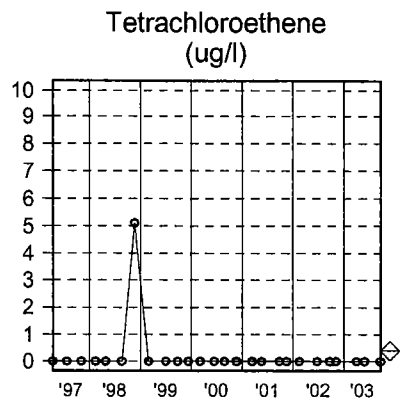
GW Monitoring
Streams

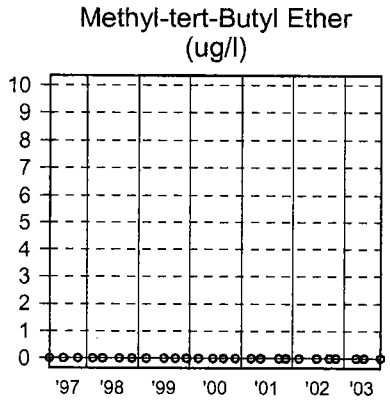
Source 12 of 23

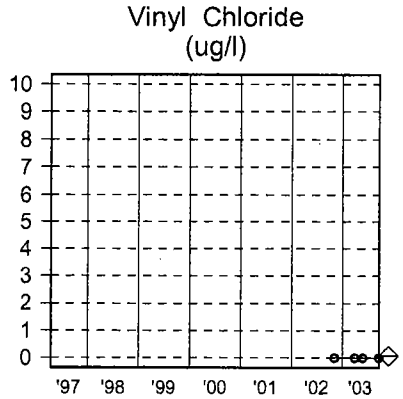
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 17

Sampling Dates:
04/08/1997 - 09/17/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 12 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	ND	ND	ND	ND						
07/17/1997	FMETL	1.06	ND	ND	ND						
10/30/1997	FMETL	5.87	ND	ND	ND						
02/10/1998	FMETL	14.36	ND	ND	ND						
04/21/1998	FMETL	ND	ND	ND	ND						
08/19/1998	FMETL	4.65	ND	ND	ND						
11/18/1998	FMETL	3.18	ND	ND	ND						
02/25/1999	FMETL	3.95	ND	ND	ND						
06/29/1999	FMETL	1.47	ND	ND	ND						
09/21/1999	FMETL	4.67	ND	ND	ND						
12/09/1999	FMETL	4.90	ND	ND	ND						
03/01/2000	FMETL	5.57	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	2.46	ND	ND	ND						
11/20/2000	FMETL	1.80	ND	ND	ND						-
02/21/2001	FMETL	4.10	ND	ND	ND						-
05/16/2001	FMETL	1.45	ND	ND	ND						-
09/11/2001	FMETL	ND	ND	ND	ND						-
09/11/2001D	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/05/2002	FMETL	5.14	ND	ND	ND	ND					V,P
03/13/2003	FMETL	17.75	0.52	ND	0.67	2.33					V,P
05/21/2003	FMETL	3.92	ND	ND	ND	ND					V,P
09/17/2003	FMETL	2.89	ND	ND	ND	ND					V,P

SOURCE: 18

Sampling Dates:
04/08/1997 - 09/17/2003

NOTES:

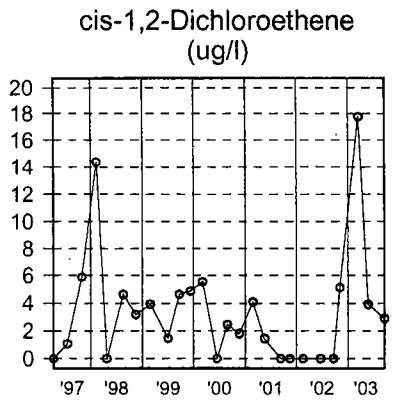
Page 1 of 1
Stream 18 is Fresh-Water.
cis-1,2-Di limit is NLE.

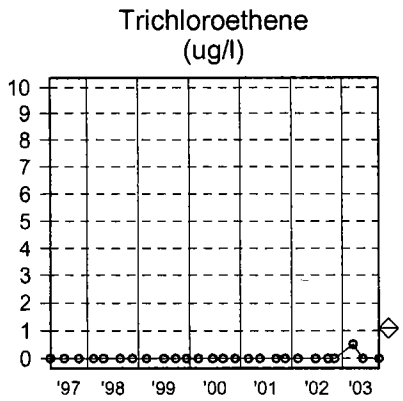
Fort Monmouth

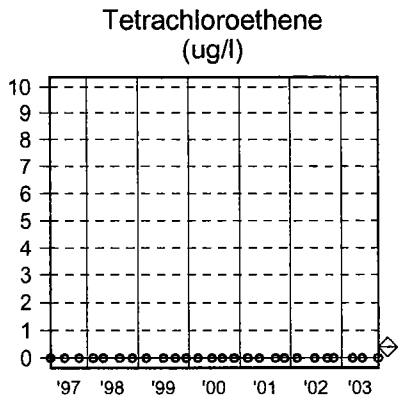
GW Monitoring
Streams

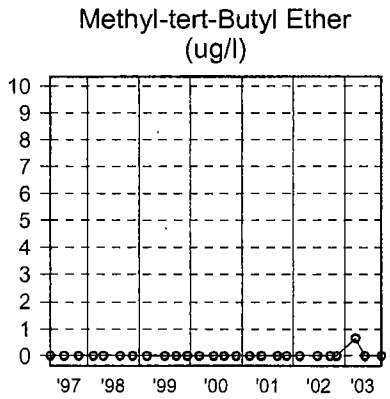
Source 13 of 23

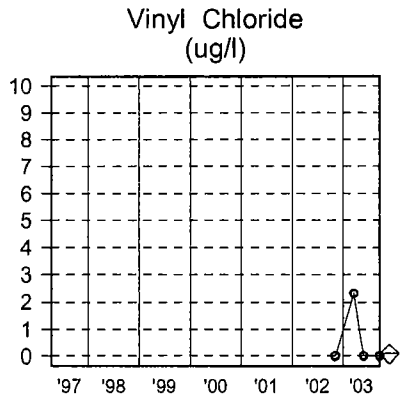
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 18

Sampling Dates:
04/08/1997 - 09/17/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 13 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	6.44	ND	ND	ND						
07/17/1997	FMETL	ND	ND	ND	ND						
10/30/1997	FMETL	4.69	ND	ND	ND						
02/10/1998	FMETL	8.22	ND	ND	ND						
04/21/1998	FMETL	6.86	ND	ND	ND						
08/19/1998	FMETL	2.95	ND	ND	ND						
11/17/1998	FMETL	2.3	ND	ND	ND						
02/25/1999	FMETL	2.30	ND	ND	ND						
06/29/1999	FMETL	ND	ND	ND	ND						
09/21/1999	FMETL	3.53	ND	ND	ND						
12/09/1999	FMETL	2.60	ND	ND	ND						
03/01/2000	FMETL	2.92	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	2.07	ND	ND	ND						
11/20/2000	FMETL	ND	ND	ND	ND						-
02/21/2001	FMETL	2.99	ND	ND	ND						-
02/21/2001D	FMETL	3.87	ND	ND	ND						-
05/16/2001	FMETL	1.57	ND	ND	ND						-
09/11/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	2.69	ND	ND	ND	ND					V,P
03/13/2003	FMETL	13.43	0.44	ND	ND	1.61					V,P
05/21/2003	FMETL	3.07	ND	ND	ND	ND					V,P
09/17/2003	FMETL	1.72	ND	ND	ND	ND					V,P

SOURCE: 19

Sampling Dates:
04/08/1997 - 09/17/2003

NOTES:

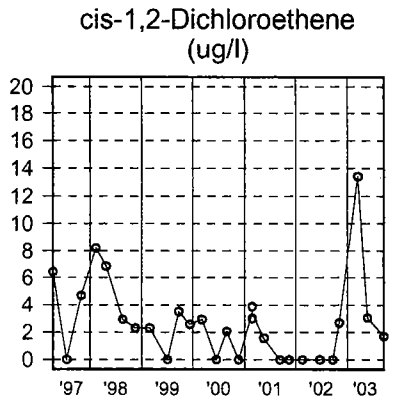
Page 1 of 1
Stream 19 is Salt-Water.
cis-1,2-Di limit is NLE.

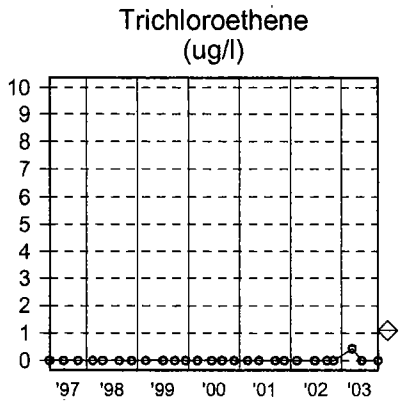
Fort Monmouth

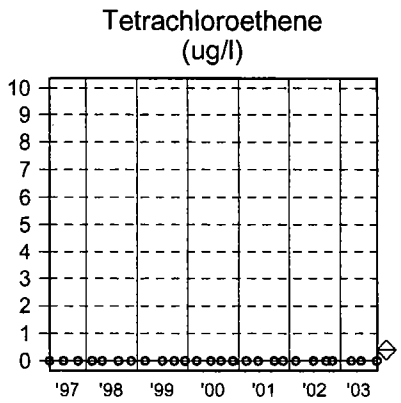
GW Monitoring
Streams

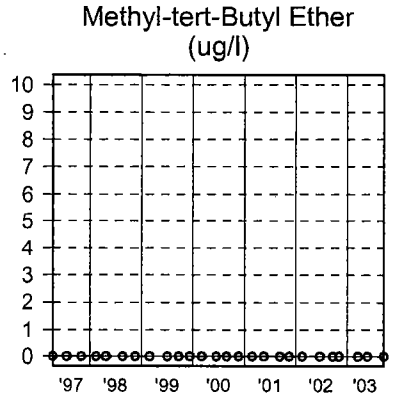
Source 14 of 23

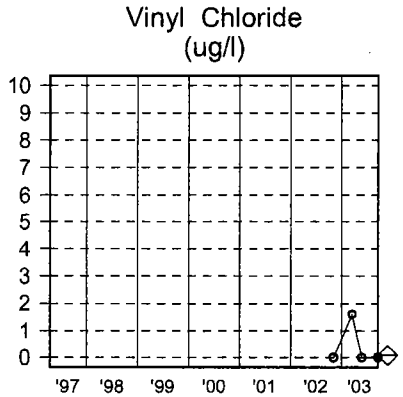
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 19

Sampling Dates:
04/08/1997 - 09/17/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 14 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	ND	ND	ND	ND						
07/17/1997	FMETL	ND	ND	ND	2.63						
10/30/1997	FMETL	ND	ND	ND	ND						
02/10/1998	FMETL	ND	ND	ND	ND						
04/21/1998	FMETL	ND	ND	ND	ND						
08/19/1998	FMETL	ND	ND	ND	4.85						
11/17/1998	FMETL	ND	ND	ND	ND						
02/25/1999	FMETL	ND	ND	ND	ND						
06/29/1999	FMETL	ND	ND	ND	5.70						
09/21/1999	FMETL	ND	ND	ND	2.10						
12/09/1999	FMETL	ND	ND	ND	ND						
03/01/2000	FMETL	ND	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	6.38						
08/24/2000	FMETL	ND	ND	ND	2.58						
11/20/2000	FMETL	ND	ND	ND	ND						-
02/21/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	1.26						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/13/2003	FMETL	ND	ND	0.64	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	1.37	ND					V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND					V,P

SOURCE: 20

Sampling Dates:
04/08/1997 - 09/17/2003

NOTES:

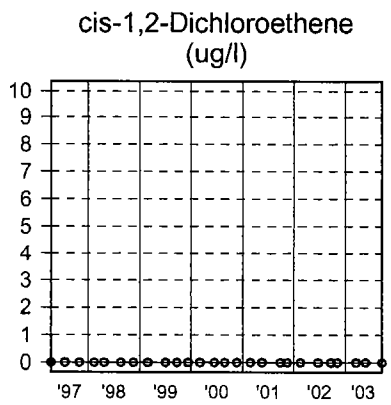
Page 1 of 1
Stream20 is Salt-Water.
Ethylben limit is 27900 ug/L.
MTBE limit is NLE.

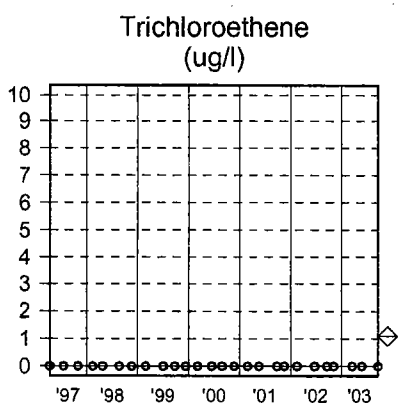
Fort Monmouth

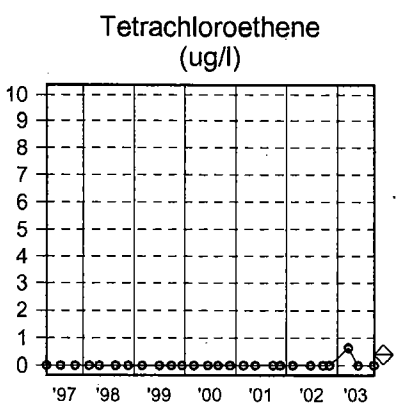
GW Monitoring
Streams

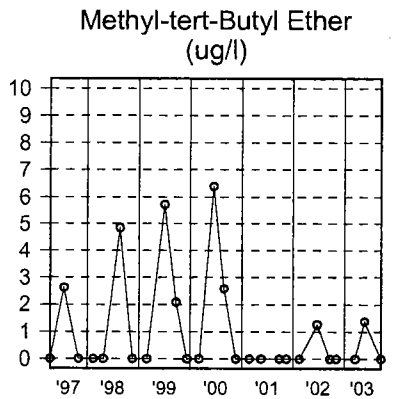
Source 15 of 23

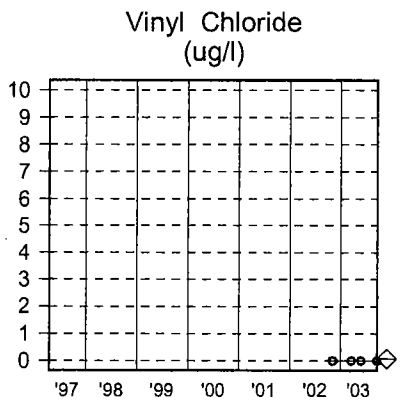
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 20

Sampling Dates:
04/08/1997 - 09/17/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 15 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	ND	ND	ND	ND						
07/17/1997	FMETL	ND	ND	ND	2.90						
10/30/1997	FMETL	ND	ND	ND	ND						
02/10/1998	FMETL	ND	ND	ND	ND						
04/21/1998	FMETL	ND	ND	ND	ND						
08/19/1998	FMETL	ND	ND	ND	4.71						
11/17/1998	FMETL	ND	ND	ND	ND						
02/25/1999	FMETL	ND	ND	ND	ND						
06/29/1999	FMETL	ND	ND	ND	7.40						
09/21/1999	FMETL	1.17	ND	ND	2.24						
12/09/1999	FMETL	ND	ND	ND	ND						
03/01/2000	FMETL	ND	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	ND	ND	ND	2.67						
11/20/2000	FMETL	ND	ND	ND	ND						-
02/21/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/11/2001	FMETL	ND	ND	ND	1.76						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/13/2003	FMETL	ND	ND	0.63	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	1.34	ND					V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND					V,P

SOURCE: 21

Sampling Dates:
04/08/1997 - 09/17/2003

NOTES:

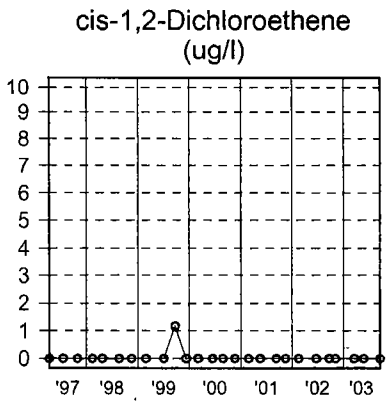
Page 1 of 1
Sream 21 is Salt-Water.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.
MTBE limit is NLE.

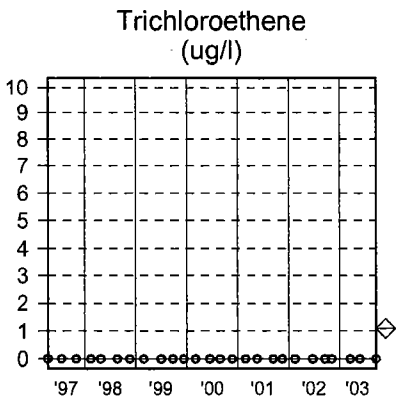
Fort Monmouth

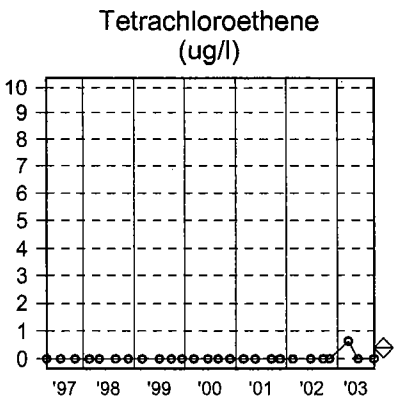
GW Monitoring
Streams

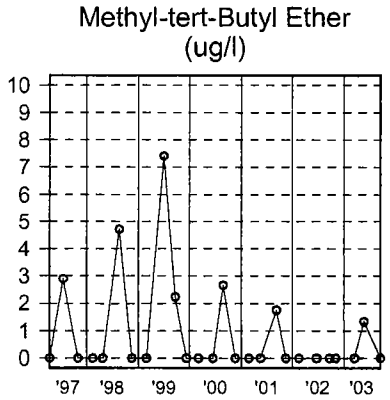
Source 16 of 23

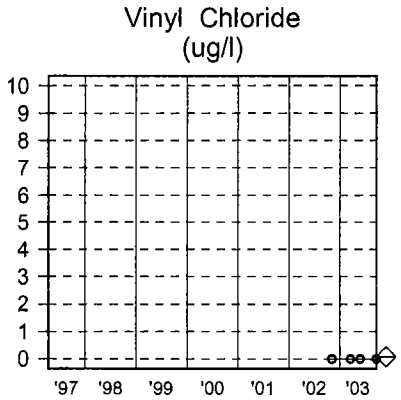
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 21

Sampling Dates:
04/08/1997 - 09/17/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 16 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	ND	ND	ND	ND						
07/17/1997	FMETL	ND	ND	ND	4.26						
10/30/1997	FMETL	ND	ND	ND	ND						
02/10/1998	FMETL	ND	ND	ND	ND						
04/21/1998	FMETL	ND	ND	ND	ND						
08/19/1998	FMETL	ND	ND	ND	4.50						
11/17/1998	FMETL	ND	ND	ND	ND						
02/25/1999	FMETL	ND	ND	ND	ND						
06/29/1999	FMETL	ND	ND	ND	8.30						
09/21/1999	FMETL	ND	ND	ND	0.82						
12/09/1999	FMETL	ND	ND	ND	ND						
03/01/2000	FMETL	ND	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	10.26						
06/12/2000D	FMETL	ND	ND	ND	10.66						
08/24/2000	FMETL	ND	ND	ND	ND						
11/20/2000	FMETL	ND	ND	ND	ND						-
02/21/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						V
09/11/2001	FMETL	ND	ND	ND	3.53						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	2.12						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/13/2003	FMETL	1.57	ND	ND	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND					V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND					V,P

SOURCE: 22

Sampling Dates:
04/08/1997 - 09/17/2003

NOTES:

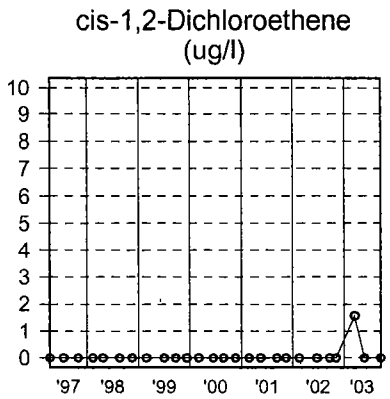
Page 1 of 1
Stream 22 is Salt-Water.
Acetone limit is NLE.
MTBE limit is NLE.

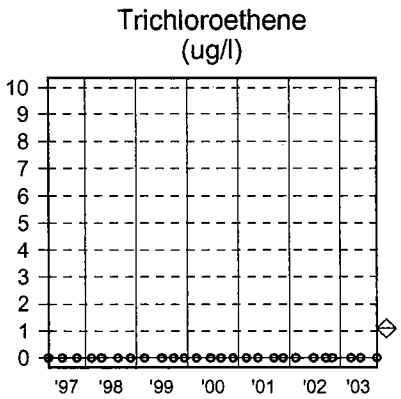
Fort Monmouth

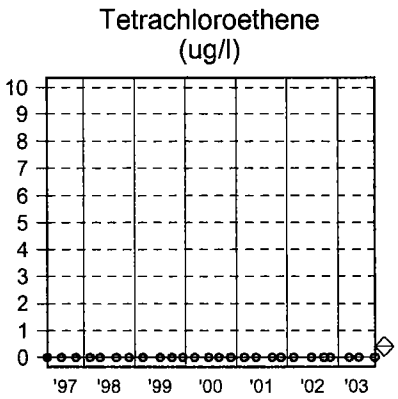
GW Monitoring
Streams

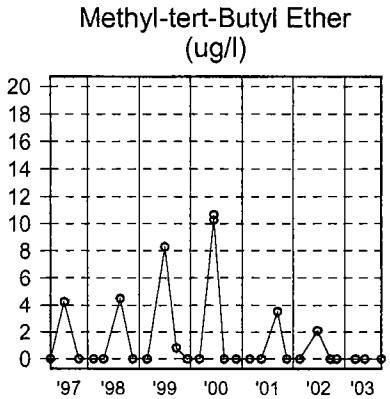
Source 17 of 23

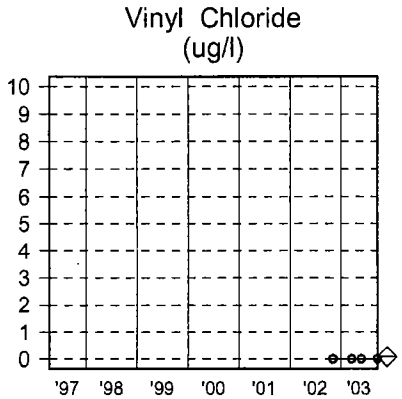
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 22

Sampling Dates:
04/08/1997 - 09/17/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 17 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
06/12/2000	FMETL	ND	ND	5.60	ND						
08/24/2000	FMETL	2.24	1.82	5.18	ND						
11/20/2000	FMETL	ND	ND	6.29	ND						-
03/08/2001	FMETL	ND	ND	4.78	ND						-
05/16/2001	FMETL	1.73	ND	6.41	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	3.23	ND	3.64	ND						-
02/11/2002	FMETL	ND	ND	2.85	ND						V
06/18/2002	FMETL	1.58	ND	2.88	ND						V,P
09/18/2002	FMETL	2.49	ND	ND	ND						V,P
11/05/2002	FMETL	ND	ND	1.44	ND	ND					V,P
03/24/2003	FMETL	1.41	1.05	4.01	ND	ND					V,P
05/21/2003	FMETL	2.03	ND	4.06	ND	ND					V,P
09/17/2003	FMETL	1.91	ND	1.77	ND	ND					V,P

SOURCE: 23

Sampling Dates:
06/12/2000 - 09/17/2003

NOTES:

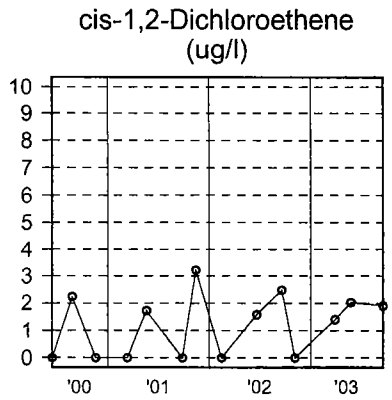
Page 1 of 1
Stream 23 is Fresh-Water

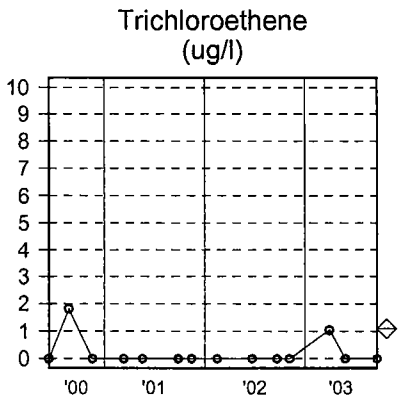
Fort Monmouth

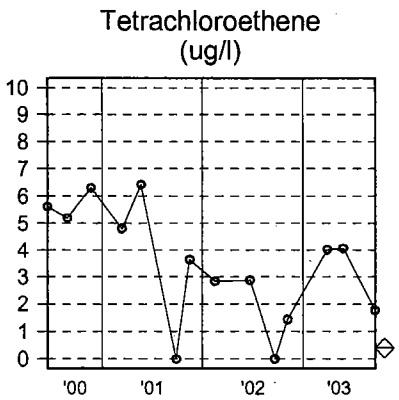
GW Monitoring
Streams

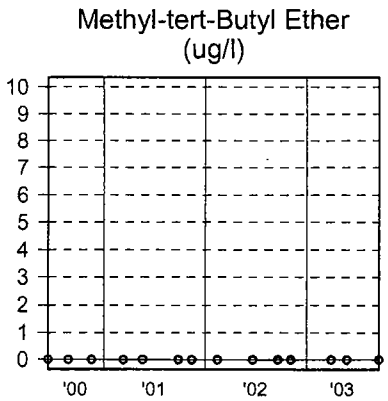
Source 18 of 23

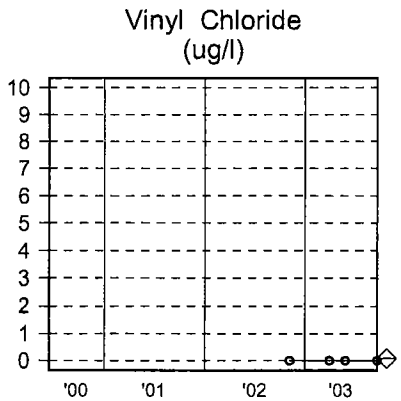
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 23

Sampling Dates:
06/12/2000 - 09/17/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 18 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
06/12/2000	FMETL	ND	ND	4.72	ND						
08/24/2000	FMETL	1.54	1.41	4.33	ND						
11/20/2000	FMETL	ND	ND	4.41	ND						-
03/08/2001	FMETL	ND	ND	4.76	ND						-
05/16/2001	FMETL	1.37	ND	5.12	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	3.11	ND	3.28	ND						-
02/11/2002	FMETL	ND	ND	2.69	ND						V
06/18/2002	FMETL	1.60	ND	2.74	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/05/2002	FMETL	ND	ND	1.64	ND	ND					V,P
03/13/2003	FMETL	0.99	0.83	3.50	ND	ND					V,P
05/21/2003	FMETL	1.98	ND	3.94	ND	ND					V,P
09/17/2003	FMETL	1.69	ND	1.61	ND	ND					V,P

SOURCE: 24

Sampling Dates:
06/12/2000 - 09/17/2003

NOTES:

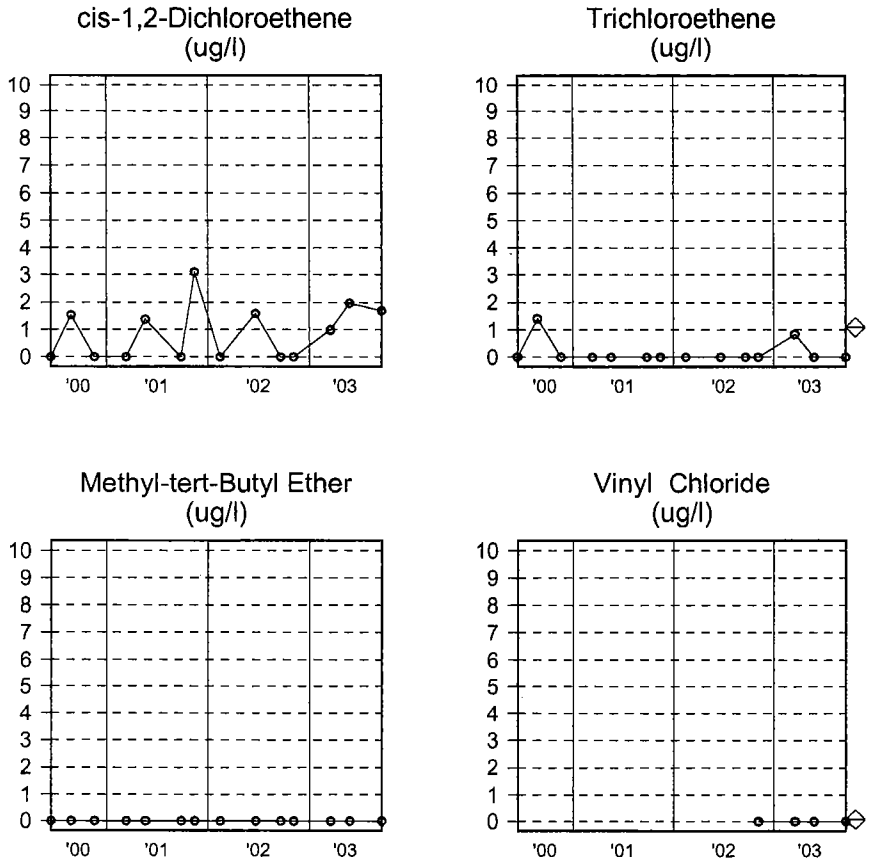
Page 1 of 2
Stream 24 is Fresh-Water

Fort Monmouth

GW Monitoring
Streams

Source 19 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 24

Sampling Dates:
06/12/2000 - 09/17/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 19 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	ND	ND	ND	ND						
11/20/2000	FMETL	ND	ND	ND	ND						-
03/08/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/24/2003	FMETL	ND	ND	2.22	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND					V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND					V,P

SOURCE: 25

Sampling Dates:
06/12/2000 - 09/17/2003

NOTES:

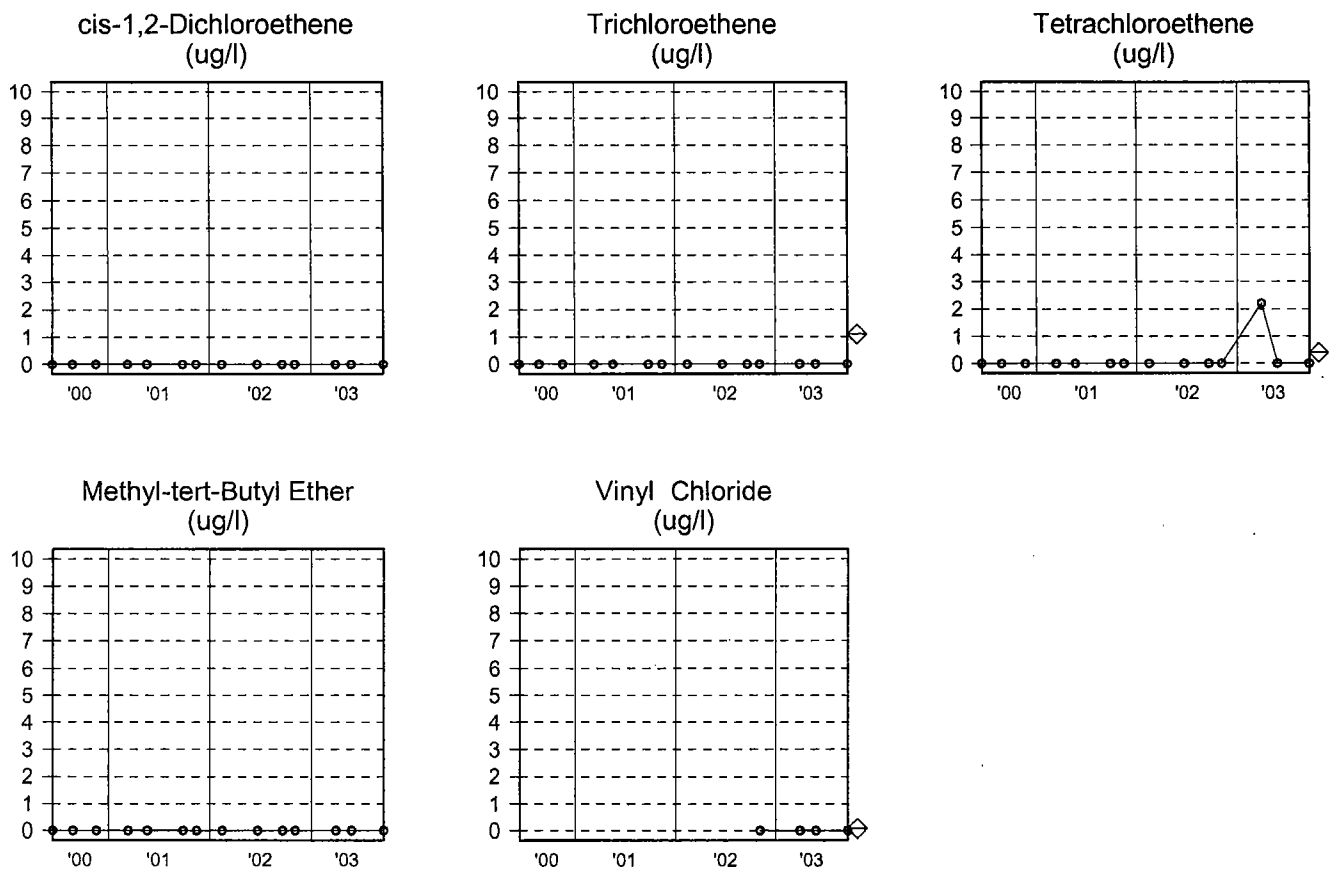
Page 1 of 1
Stream 25 is Salt-Water.

Fort Monmouth

GW Monitoring
Streams

Source 20 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 25

Sampling Dates:
06/12/2000 - 09/17/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 20 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-29-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	ND	ND	ND	ND						
11/20/2000	FMETL	ND	ND	ND	ND						-
03/08/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/24/2003	FMETL	ND	ND	ND	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND					V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND					V,P

SOURCE: 26

Sampling Dates:
06/12/2000 - 09/17/2003

NOTES:

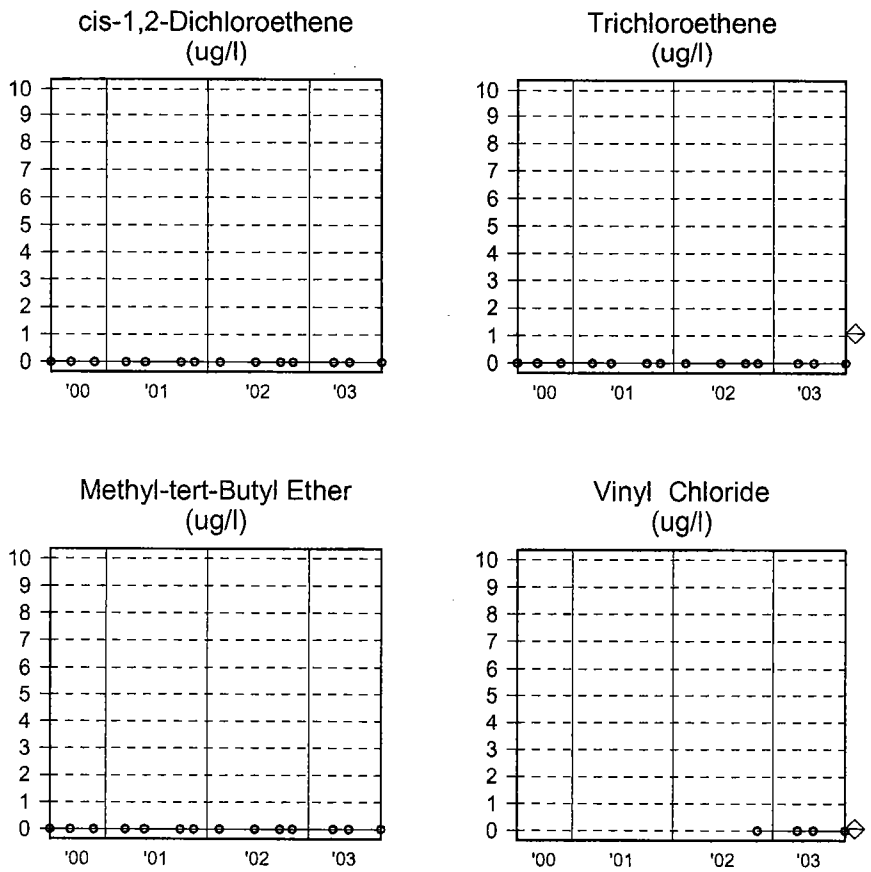
Page 1 of 1
Stream 26 is Fresh-Water

Fort Monmouth

GW Monitoring
Streams

Source 21 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 26

Sampling Dates:
06/12/2000 - 09/17/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 21 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	ND	ND	1.72	ND						
11/20/2000	FMETL	ND	ND	1.87	ND						-
03/08/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/13/2003	FMETL	ND	ND	1.71	ND	ND					V,P
05/21/2003	FMETL	1.38	2.68	ND	ND	ND					V,P
09/17/2003	FMETL	1.16	ND	1.16	ND	ND					V,P

SOURCE: 27

Sampling Dates:
06/12/2000 - 09/17/2003

NOTES:

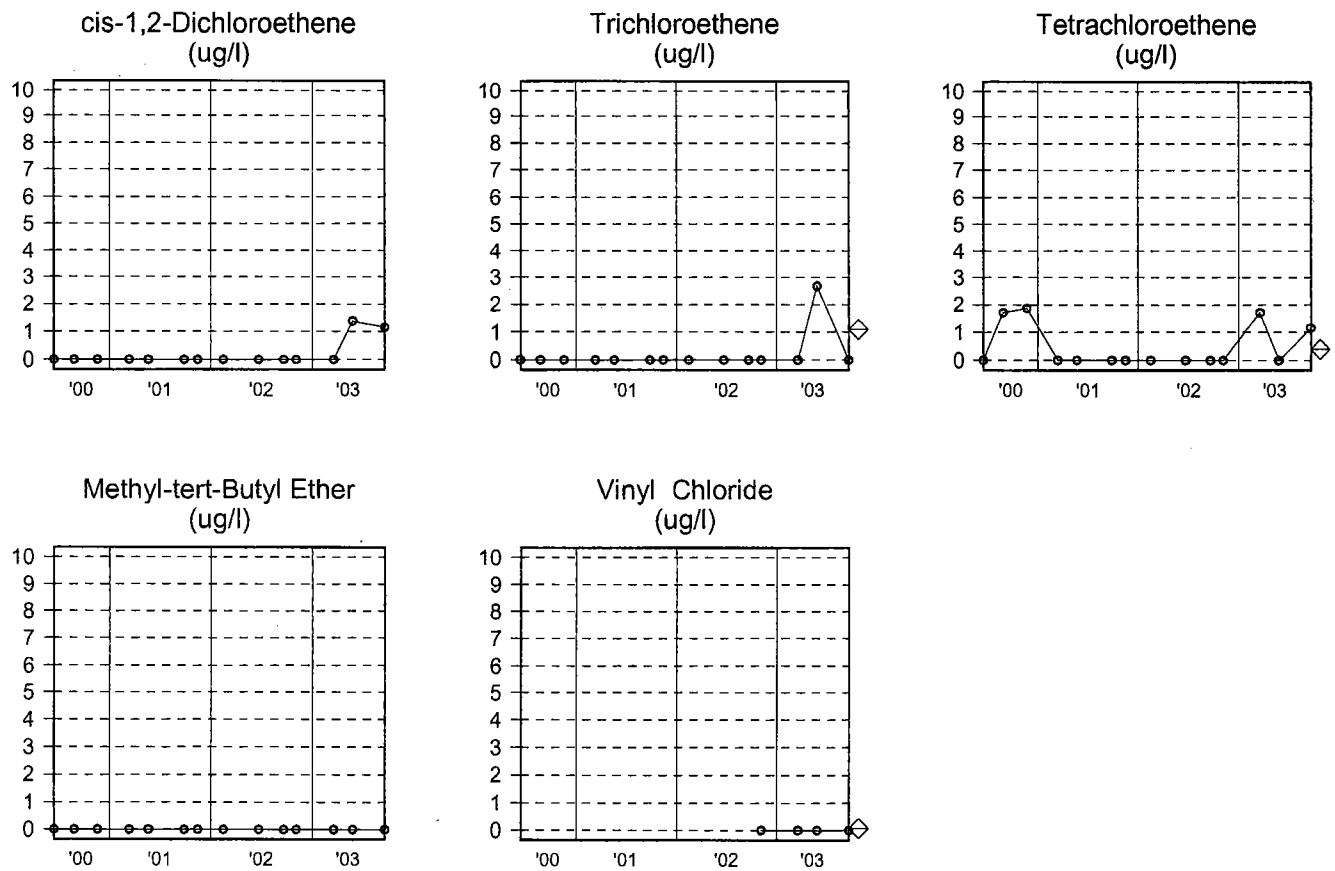
Page 1 of 1
Stream 27 is Salt Water.

Fort Monmouth

GW Monitoring
Streams

Source 22 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 27

Sampling Dates:
06/12/2000 - 09/17/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 22 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	1.28	1.07	3.67	ND						
11/20/2000	FMETL	ND	ND	3.60	ND						-
03/08/2001	FMETL	ND	ND	2.56	ND						-
05/16/2001	FMETL	ND	ND	2.77	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	1.55	ND						V
06/18/2002	FMETL	ND	ND	1.99	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/13/2003	FMETL	0.73	0.60	2.78	ND	ND					V,P
05/21/2003	FMETL	1.50	ND	2.58	ND	ND					V,P
09/17/2003	FMETL	1.14	ND	1.14	ND	ND					V,P

SOURCE: 28

Sampling Dates:
06/12/2000 - 09/17/2003

NOTES:

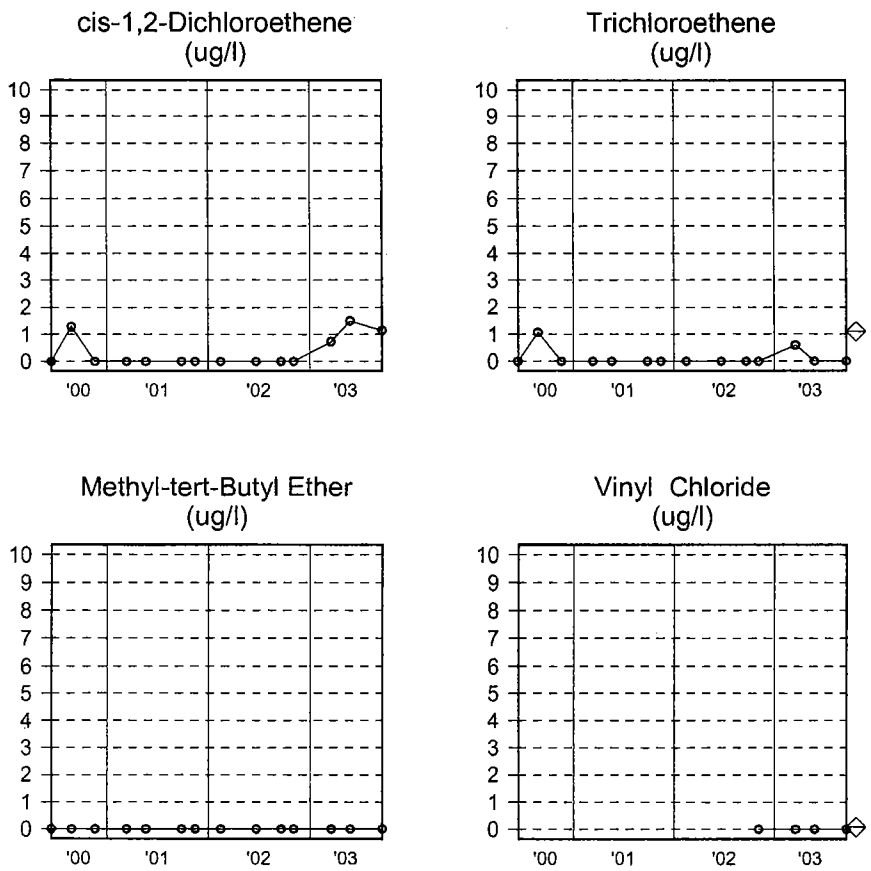
Page 1 of 1
Stream 28 is Salt-Water
cis-1,2-Dichloroethene limit is NLE
TCE limit is 81
PCE limit is 4.29

Fort Monmouth

GW Monitoring
Streams

Source 23 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 28

Sampling Dates:
06/12/2000 - 09/17/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 23 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

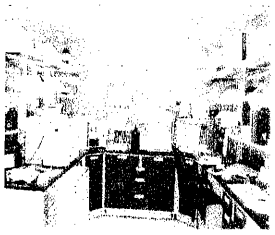
FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS

PHONE: (732) 532-6224 FAX: (732) 532-6263

WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

CERTIFICATIONS: NJDEP #13461, NYSDOH #11699



ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: 4th QTR/03 Streams

Streams

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Stream Site #22	3070004	Aqueous	04-Nov-03 08:11	11/04/03
Stream Site #21	3070005	Aqueous	04-Nov-03 08:20	11/04/03
Stream Site #20	3070006	Aqueous	04-Nov-03 08:25	11/04/03
Stream Site #09	3070007	Aqueous	04-Nov-03 08:32	11/04/03
Stream Site #19	3070008	Aqueous	04-Nov-03 08:39	11/04/03
Stream Site #12	3070009	Aqueous	04-Nov-03 08:45	11/04/03
Stream Site #18	3070010	Aqueous	04-Nov-03 08:51	11/04/03
Stream Site #11	3070011	Aqueous	04-Nov-03 08:59	11/04/03
Stream Site #27	3070012	Aqueous	04-Nov-03 09:58	11/04/03
Stream Site #07	3070013	Aqueous	04-Nov-03 10:04	11/04/03
Stream Site #28	3070014	Aqueous	04-Nov-03 09:47	11/04/03
Stream Site #04	3070015	Aqueous	04-Nov-03 09:40	11/04/03
Stream Site #05	3070016	Aqueous	04-Nov-03 09:32	11/04/03
Stream Site #16	3070017	Aqueous	04-Nov-03 09:23	11/04/03
Stream Site #24	3070018	Aqueous	04-Nov-03 09:17	11/04/03
Stream Site #23	3070019	Aqueous	04-Nov-03 09:11	11/04/03
Stream Site #15	3070020	Aqueous	04-Nov-03 09:07	11/04/03
Stream Site #25	3070021	Aqueous	04-Nov-03 10:13	11/04/03
Stream Site #17	3070022	Aqueous	04-Nov-03 10:18	11/04/03
Stream Site #26	3070023	Aqueous	04-Nov-03 10:24	11/04/03
Stream Site #03	3070024	Aqueous	04-Nov-03 10:33	11/04/03
Stream Site #14	3070025	Aqueous	04-Nov-03 10:39	11/04/03
Stream Site #13	3070026	Aqueous	04-Nov-03 10:47	11/04/03

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA+15, PCB's, WET CHEMISTRY

12-3-03

Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B
TARGET COMPOUND LIST	Federal Register 40 CFR Part 136 Appendix A
Base/Neutrals and Acid Extractables by GC/MS	625
Purgeable Organcis by GC/MS	624
Pesticides and PCB's by GC	608

SAMPLING

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil

NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: X2 6223
(X)DERA ( )OMA ( )Other: _____

Project No:
Location: Streams
4th Qtr '03

Samplers Name / Company: Corey McCormack, TVS

Analysis Parameters: VOTIS, T. Coli, PCB, NH_3/NO_3, PO_4/SO_4, Temp °C, pH (su), Dissolved O_2

Comments: HCl/HNO_3/4°C

LIMS/Work Order #		Sample Location	Date	Time	Sample Type	# bottles	VOTIS	T. Coli	PCB	NH_3/NO_3	PO_4/SO_4	Temp °C	pH (su)	Dissolved O_2	Remarks / Preservation Method	
30700	01	Trip	11/4/03	0745	AQ	2	✓					—	—	—		
	02	Field Blank		0800		5	✓		✓	✓	✓	—	—	—	Salinity	
	03	Dupe		—		6	✓	✓	✓	✓	✓	—	—	—	%	O_2 20/20
	04	Stream Site #22 *		0811		6	✓	✓	✓	✓	✓	10.76	7.79	8.41	1.016	19
	05	#21		0820			✓	✓	✓	✓	✓	10.80	7.83	8.53	1.016	19
	06	#20		0825			✓	✓	✓	✓	✓	10.78	7.81	8.54	1.016	19
	07	#09		0832			✓	✓	✓	✓	✓	10.04	7.77	8.62	1.010	13
	08	#19		0839			✓	✓	✓	✓	✓	9.97	7.63	8.74	1.000	0
	09	#12		0845			✓	✓	✓	✓	✓	10.59	7.75	8.39	1.000	0
	10	#18		0851			✓	✓	✓	✓	✓	10.60	7.77	8.39	1.000	0
	11	#11		0859			✓	✓	✓	✓	✓	9.83	7.53	8.70	1.000	0
	12	#27		0958			✓	✓	✓	✓	✓	10.59	7.78	8.47	1.009	11
	13	#07		1004			✓	✓	✓	✓	✓	10.57	7.78	8.46	1.009	11
	14	#28		0947			✓	✓	✓	✓	✓	10.55	7.76	8.43	1.008	10

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	11/4/03 1300	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (X)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: Tide: H→O

print legibly

COC.XLS9/2/2003

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil

NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fashler
Phone #: 726223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: Streams
4th Qtr '03

Samplers Name / Company: Corey McCormack, TVS

Analysis Parameters

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	Total P	T. Coli	PCB	NH_3 / NO_3	PO_4 / SO_4	Temp °C	pH (su)	Dissolved O_2	Remarks / Preservation Method	Comments: HCL/HNO_3/<4°C
30700 15	Stream site #04	11/4/03	0940	AQ	6	✓	✓	✓	✓	✓	10.55	7.76	8.43	1.007	9
16	#05		0932			✓	✓	✓	✓	✓	10.47	7.64	8.53	1.006	8
17	#16		0923			✓	✓	✓	✓	✓	10.45	7.54	8.57	1.004	6
18	#24		0917			✓	✓	✓	✓	✓	10.46	7.53	8.54	1.004	6
19	#23		0911			✓	✓	✓	✓	✓	10.37	7.54	8.53	1.003	5
20	#15		0907			✓	✓	✓	✓	✓	10.35	7.56	8.53	1.003	5
21	#25		1013			✓	✓	✓	✓	✓	10.44	7.56	8.66	1.005	7
22	#17		1018			✓	✓	✓	✓	✓	10.42	7.57	8.64	1.005	7
23	#26		1024			✓	✓	✓	✓	✓	10.40	7.56	8.65	1.005	7
24	#03		1033			✓	✓	✓	✓	✓	10.27	7.53	8.68	1.002	4
25	#04		1039			✓	✓	✓	✓	✓	9.86	7.49	8.77	1.000	0
26	#13		1047			✓	✓	✓	✓	✓	9.97	7.43	8.81	1.000	0

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	11/4/03 1300	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (X)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks:
Tide : H→O

print legibly

COC.XLS9/2/2003

VOLATILE ORGANICS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

U: The compound was analyzed for but not detected.

B: Indicates that the compound was found in the associated method blank as well as in the sample.

J: Indicates an estimated value. This flag is used:

(1) When the mass spec and retention time data indicate the presence of a compound however the result is less than the MDL but greater than zero.

(2) When estimating the concentration of a tentatively identified compound (TIC), where a 1:1 response is assumed.

D: This flag is used to identify all compounds (target or TIC) that required a dilution.

E: Indicates the compound's concentration exceeds the calibration range of the instrument for that specific analysis.

N: This flag is only used for TICs. It indicates the presumptive evidence of a compound. For a generic characterization of a TIC, such as unknown hydrocarbon, the flag is not used.

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014825.D**	Sample Name	**MB 10Nov03**
Operator	**Skelton**	Field ID	**MB 10Nov03**
Date Acquired	**10 Nov 2003 7:13 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.70	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone	12.08	162378	5.74 ug/L	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride	11.77	34496	0.97 ug/L	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9B-1.14 18-May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FRESHWATER03.CRT

11/13/2003 10:37 AM

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014825.D**	Sample Name	**MB 10Nov03**
Operator	**Skelton**	Field ID	**MB 10Nov03**
Date Acquired	**10 Nov 2003 7:13 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone	12.08	162378	5.74 ug/L	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride	11.77	34496	0.97 ug/L	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

11/13/2003 10:39 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 10Nov03**

Lab Name: FMETL NJDEP#: 13461

Project: Case No.: 30700 Location: Stream SDG No.: 4th Qtr

Matrix: (soil/water) WATER Lab Sample ID: MB 10Nov03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014825.D

Level: (low/med) LOW Date Received: 11/4/2003

% Moisture: not dec. Date Analyzed: 11/10/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014883.D**	Sample Name	**MB 18Nov03**
Operator	**Skelton**	Field ID	**MB 18Nov03**
Date Acquired	**18 Nov 2003 11:41 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.70	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9B-1.14 18-May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FRESHWATER03.CRT

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014883.D**	Sample Name	**MB 18Nov03**
Operator	**Skelton**	Field ID	**MB 18Nov03**
Date Acquired	**18 Nov 2003 11:41 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 18Nov03**

Lab Name: FMETL NJDEP#: 13461

Project: Case No.: 30700 Location: Stream SDG No.: 4th Qtr

Matrix: (soil/water) WATER Lab Sample ID: MB 18Nov03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014883.D

Level: (low/med) LOW Date Received: 11/4/2003

% Moisture: not dec. Date Analyzed: 11/18/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014832.D**	Sample Name	**3070001**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**10 Nov 2003 11:40 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.70	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.76	145674	2.71 ug/L	5.67	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9B-1.14 18-May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FRESHWATER03.CRT

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014832.D**	Sample Name	**3070001**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**10 Nov 2003 11:40 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.76	145674	2.71 ug/L	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

11/13/2003 10:39 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: Case No.: 30700 Location: Stream SDG No.: 4th Qtr

Matrix: (soil/water) WATER Lab Sample ID: 3070001

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014832.D

Level: (low/med) LOW Date Received: 11/4/2003

% Moisture: not dec. Date Analyzed: 11/10/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014833.D**	Sample Name	**3070002**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**11 Nov 2003 12:19 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.77	146675	2.74 ug/L	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014833.D**	Sample Name	**3070002**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**11 Nov 2003 12:19 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.70	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.77	146675	2.74 ug/L	5.67	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9B-1.14 18-May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FRESHWATER03.CRT

11/13/2003 10:37 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: Case No.: 30700 Location: Stream SDG No.: 4th Qtr

Matrix: (soil/water) WATER Lab Sample ID: 3070002

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014833.D

Level: (low/med) LOW Date Received: 11/4/2003

% Moisture: not dec. Date Analyzed: 11/11/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014834.D**	Sample Name	**3070003**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**11 Nov 2003 12:57 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.90	368828	5.40 ug/L	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone	12.13	58909	2.47 ug/L	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

11/13/2003 10:39 AM

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014834.D**	Sample Name	**3070003**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**11 Nov 2003 12:57 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.90	368828	5.40 ug/L	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.70	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone	12.13	58909	2.47 ug/L	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9B-1.14 18-May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FRESHWATER03.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: Case No.: 30700 Location: Stream SDG No.: 4th Qtr

Matrix: (soil/water) WATER Lab Sample ID: 3070003

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014834.D

Level: (low/med) LOW Date Received: 11/4/2003

% Moisture: not dec. Date Analyzed: 11/11/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014887.D**	Sample Name	**3070024**
Operator	**Skelton**	Field ID	**StreamSite#03**
Date Acquired	**18 Nov 2003 2:15 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	13.00	157705	3.57 ug/L	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

11/19/2003 1:41 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#03**

Lab Name: FMETL NJDEP#: 13461

Project: _____ Case No.: 30700 Location: Stream SDG No.: 4th Qtr

Matrix: (soil/water) WATER Lab Sample ID: 3070024

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014887.D

Level: (low/med) LOW Date Received: 11/4/2003

% Moisture: not dec. _____ Date Analyzed: 11/18/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014889.D**	Sample Name	**3070015**
Operator	**Skelton**	Field ID	**StreamSite#04**
Date Acquired	**18 Nov 2003 3:32 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.85	26936535	627.26 ug/L	nle	0.16 ug/L	2.00 ug/L	E
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.70	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.99	34224	1.03 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9B-1.14 18-May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014899.D**	Sample Name	**3070015**
Operator	**Skelton**	Field ID	**StreamSite#04**
Date Acquired	**18 Nov 2003 9:54 pm**	Sample Multiplier	**20**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	320	37.00 ug/L	400.00 ug/L	
107131	Acrylonitrile			not detected	0.06	55.60 ug/L	400.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	170.40 ug/L	400.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.93	945983	454.16 ug/L	nle	3.20 ug/L	40.00 ug/L	D
108203	Di-isopropyl ether			not detected	nle	5.00 ug/L	40.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	33.60 ug/L	40.00 ug/L	
74-87-3	Chloromethane			not detected	5.70	23.20 ug/L	40.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	21.20 ug/L	40.00 ug/L	
74-83-9	Bromomethane			not detected	48.40	22.00 ug/L	40.00 ug/L	
75-00-3	Chloroethane			not detected	nle	20.20 ug/L	40.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	10.00 ug/L	40.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	4.80 ug/L	40.00 ug/L	
67-64-1	Acetone			not detected	nle	27.20 ug/L	40.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	9.20 ug/L	40.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	4.80 ug/L	40.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	3.20 ug/L	40.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	2.40 ug/L	40.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	15.60 ug/L	40.00 ug/L	
78-93-3	2-Butanone			not detected	nle	12.40 ug/L	40.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	3.40 ug/L	40.00 ug/L	
67-66-3	Chloroform			not detected	5.67	6.00 ug/L	40.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	4.60 ug/L	40.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	9.40 ug/L	40.00 ug/L	
71-43-2	Benzene			not detected	0.15	4.60 ug/L	40.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	3.60 ug/L	40.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	4.60 ug/L	40.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	8.00 ug/L	40.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	11.00 ug/L	40.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	13.00 ug/L	40.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	13.80 ug/L	40.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	11.80 ug/L	40.00 ug/L	
108-88-3	Toluene			not detected	7440	7.40 ug/L	40.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	17.40 ug/L	40.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	9.60 ug/L	40.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	6.40 ug/L	40.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	14.20 ug/L	40.00 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	17.20 ug/L	40.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	7.80 ug/L	40.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	13.00 ug/L	40.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	22.80 ug/L	80.00 ug/L	
95-47-6	o-Xylene			not detected	nle	12.40 ug/L	40.00 ug/L	
100-42-5	Styrene			not detected	nle	11.20 ug/L	40.00 ug/L	
75-25-2	Bromoform			not detected	4.38	14.00 ug/L	40.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	9.40 ug/L	40.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	11.00 ug/L	40.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	11.40 ug/L	40.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	12.80 ug/L	40.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9B-1.14 18-May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FRESHWATER03.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#04**

Lab Name: FMETL NJDEP#: 13461

Project: Case No.: 30700 Location: Stream SDG No.: 4th Qtr

Matrix: (soil/water) WATER Lab Sample ID: 3070015

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014889.D

Level: (low/med) LOW Date Received: 11/4/2003

% Moisture: not dec. Date Analyzed: 11/18/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000115-11-7	1-Propene, 2-methyl-	5.42	120	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014890.D**	Sample Name	**3070016**
Operator	**Skelton**	Field ID	**StreamSite#05**
Date Acquired	**18 Nov 2003 4:10 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.83	28574806	667.55 ug/L	nle	0.16 ug/L	2.00 ug/L	E
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	16.00	44373	1.34 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	26.09	30452	1.20 ug/L	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene	26.92	41421	0.82 ug/L	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

11/19/2003 1:42 AM

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014900.D**	Sample Name	**3070016**
Operator	**Skelton**	Field ID	**StreamSite#05**
Date Acquired	**18 Nov 2003 10:32 pm**	Sample Multiplier	**20**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	37.00 ug/L	400.00 ug/L	
107131	Acrylonitrile			not detected	0.67	55.60 ug/L	400.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	170.40 ug/L	400.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.92	1141549	556.49 ug/L	nle	3.20 ug/L	40.00 ug/L	D
108203	Di-isopropyl ether			not detected	nle	5.00 ug/L	40.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	33.60 ug/L	40.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	23.20 ug/L	40.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	21.20 ug/L	40.00 ug/L	
74-83-9	Bromomethane			not detected	4000	22.00 ug/L	40.00 ug/L	
75-00-3	Chloroethane			not detected	nle	20.20 ug/L	40.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	10.00 ug/L	40.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	4.80 ug/L	40.00 ug/L	
67-64-1	Acetone			not detected	nle	27.20 ug/L	40.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	9.20 ug/L	40.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	4.80 ug/L	40.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	3.20 ug/L	40.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	2.40 ug/L	40.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	15.60 ug/L	40.00 ug/L	
78-93-3	2-Butanone			not detected	nle	12.40 ug/L	40.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	3.40 ug/L	40.00 ug/L	
67-66-3	Chloroform			not detected	470	6.00 ug/L	40.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	4.60 ug/L	40.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	9.40 ug/L	40.00 ug/L	
71-43-2	Benzene			not detected	71	4.60 ug/L	40.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	3.60 ug/L	40.00 ug/L	
79-01-6	Trichloroethene			not detected	81	4.60 ug/L	40.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	8.00 ug/L	40.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	11.00 ug/L	40.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	13.00 ug/L	40.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	13.80 ug/L	40.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	11.80 ug/L	40.00 ug/L	
108-88-3	Toluene			not detected	200000	7.40 ug/L	40.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	17.40 ug/L	40.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	9.60 ug/L	40.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	6.40 ug/L	40.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	14.20 ug/L	40.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	17.20 ug/L	40.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	7.80 ug/L	40.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	13.00 ug/L	40.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	22.80 ug/L	80.00 ug/L	
95-47-6	o-Xylene			not detected	nle	12.40 ug/L	40.00 ug/L	
100-42-5	Styrene			not detected	nle	11.20 ug/L	40.00 ug/L	
75-25-2	Bromoform			not detected	360	14.00 ug/L	40.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	9.40 ug/L	40.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	11.00 ug/L	40.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	11.40 ug/L	40.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	12.80 ug/L	40.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#05**

Lab Name: FMETL NJDEP#: 13461

Project: Case No.: 30700 Location: Stream SDG No.: 4th Qtr

Matrix: (soil/water) WATER Lab Sample ID: 3070016

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014890.D

Level: (low/med) LOW Date Received: 11/4/2003

% Moisture: not dec. Date Analyzed: 11/18/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000115-11-7	1-Propene, 2-methyl-	5.43	160	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014846.D**	Sample Name	**3070013**
Operator	**Skelton**	Field ID	**Streamsite#07**
Date Acquired	**11 Nov 2003 8:36 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.79	28418720	402.86 ug/L	nle	0.16 ug/L	2.00 ug/L	E
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.99	36212	0.83 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	23.55	36258	1.04 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	26.08	127563	2.82 ug/L	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene	26.92	132425	1.42 ug/L	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014897.D**	Sample Name	**3070013**
Operator	**Skelton**	Field ID	**StreamSite#07**
Date Acquired	**18 Nov 2003 8:38 pm**	Sample Multiplier	**20**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	37.00 ug/L	400.00 ug/L	
107131	Acrylonitrile			not detected	0.67	55.60 ug/L	400.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	170.40 ug/L	400.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.94	689884	347.04 ug/L	nle	3.20 ug/L	40.00 ug/L	D
108203	Di-isopropyl ether			not detected	nle	5.00 ug/L	40.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	33.60 ug/L	40.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	23.20 ug/L	40.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	21.20 ug/L	40.00 ug/L	
74-83-9	Bromomethane			not detected	4000	22.00 ug/L	40.00 ug/L	
75-00-3	Chloroethane			not detected	nle	20.20 ug/L	40.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	10.00 ug/L	40.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	4.80 ug/L	40.00 ug/L	
67-64-1	Acetone			not detected	nle	27.20 ug/L	40.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	9.20 ug/L	40.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	4.80 ug/L	40.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	3.20 ug/L	40.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	2.40 ug/L	40.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	15.60 ug/L	40.00 ug/L	
78-93-3	2-Butanone			not detected	nle	12.40 ug/L	40.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	3.40 ug/L	40.00 ug/L	
67-66-3	Chloroform			not detected	470	6.00 ug/L	40.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	4.60 ug/L	40.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	9.40 ug/L	40.00 ug/L	
71-43-2	Benzene			not detected	71	4.60 ug/L	40.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	3.60 ug/L	40.00 ug/L	
79-01-6	Trichloroethene			not detected	81	4.60 ug/L	40.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	8.00 ug/L	40.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	11.00 ug/L	40.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	13.00 ug/L	40.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	13.80 ug/L	40.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	11.80 ug/L	40.00 ug/L	
108-88-3	Toluene			not detected	200000	7.40 ug/L	40.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	17.40 ug/L	40.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	9.60 ug/L	40.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	6.40 ug/L	40.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	14.20 ug/L	40.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	17.20 ug/L	40.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	7.80 ug/L	40.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	13.00 ug/L	40.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	22.80 ug/L	80.00 ug/L	
95-47-6	o-Xylene			not detected	nle	12.40 ug/L	40.00 ug/L	
100-42-5	Styrene			not detected	nle	11.20 ug/L	40.00 ug/L	
75-25-2	Bromoform			not detected	360	14.00 ug/L	40.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	9.40 ug/L	40.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	11.00 ug/L	40.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	11.40 ug/L	40.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	12.80 ug/L	40.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#07**

Lab Name: FMETL NJDEP#: 13461

Project: Case No.: 30700 Location: Stream SDG No.: 4th Qtr

Matrix: (soil/water) WATER Lab Sample ID: 3070013

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014846.D

Level: (low/med) LOW Date Received: 11/4/2003

% Moisture: not dec. Date Analyzed: 11/11/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000115-11-7	1-Propene, 2-methyl-	5.39	24	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014840.D**	Sample Name	**3070007**
Operator	**Skelton**	Field ID	**Streamsite#09**
Date Acquired	**11 Nov 2003 4:46 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	13.02	27106	0.39 ug/L	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.98	133204	3.08 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#09**

Lab Name: FMETL NJDEP#: 13461

Project: Case No.: 30700 Location: Stream SDG No.: 4th Qtr

Matrix: (soil/water) WATER Lab Sample ID: 3070007

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014840.D

Level: (low/med) LOW Date Received: 11/4/2003

% Moisture: not dec. Date Analyzed: 11/11/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014844.D**	Sample Name	**3070011**
Operator	**Skelton**	Field ID	**Streamsite#11**
Date Acquired	**11 Nov 2003 7:19 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.70	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride	5.46	79777	3.10 ug/L	0.08	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.99	367518	8.75 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9B-1.14 18-May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#11**

Lab Name: FMETL NJDEP#: 13461

Project: Case No.: 30700 Location: Stream SDG No.: 4th Qtr

Matrix: (soil/water) WATER Lab Sample ID: 3070011

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014844.D

Level: (low/med) LOW Date Received: 11/4/2003

% Moisture: not dec. Date Analyzed: 11/11/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014842.D**	Sample Name	**3070009**
Operator	**Skelton**	Field ID	**Streamsite#12**
Date Acquired	**11 Nov 2003 6:03 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.70	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride	5.44	34307	1.29 ug/L	0.08	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.99	232202	5.34 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9B-1.14 18-May-98

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#12**

Lab Name: FMETL NJDEP#: 13461

Project: Case No.: 30700 Location: Stream SDG No.: 4th Qtr

Matrix: (soil/water) WATER Lab Sample ID: 3070009

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014842.D

Level: (low/med) LOW Date Received: 11/4/2003

% Moisture: not dec. Date Analyzed: 11/11/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014895.D**	Sample Name	**3070026**
Operator	**Skelton**	Field ID	**StreamSite#13**
Date Acquired	**18 Nov 2003 7:22 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.83	42877775	1003.20 ug/L	nle	0.16 ug/L	2.00 ug/L	E
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene	18.27	57370	0.77 ug/L	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.81	63772	1.29 ug/L	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	26.09	143953	6.92 ug/L	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene	26.92	181615	4.39 ug/L	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

11/19/2003 1:42 AM

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014905.D**	Sample Name	**3070026**
Operator	**Skelton**	Field ID	**StreamSite#13**
Date Acquired	**19 Nov 2003 1:48 am**	Sample Multiplier	**20**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	37.00 ug/L	400.00 ug/L	
107131	Acrylonitrile			not detected	0.67	55.60 ug/L	400.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	170.40 ug/L	400.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.91	1805858	907.66 ug/L	nle	3.20 ug/L	40.00 ug/L	D
108203	Di-isopropyl ether			not detected	nle	5.00 ug/L	40.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	33.60 ug/L	40.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	23.20 ug/L	40.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	21.20 ug/L	40.00 ug/L	
74-83-9	Bromomethane			not detected	4000	22.00 ug/L	40.00 ug/L	
75-00-3	Chloroethane			not detected	nle	20.20 ug/L	40.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	10.00 ug/L	40.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	4.80 ug/L	40.00 ug/L	
67-64-1	Acetone			not detected	nle	27.20 ug/L	40.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	9.20 ug/L	40.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	4.80 ug/L	40.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	3.20 ug/L	40.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	2.40 ug/L	40.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	15.60 ug/L	40.00 ug/L	
78-93-3	2-Butanone			not detected	nle	12.40 ug/L	40.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	3.40 ug/L	40.00 ug/L	
67-66-3	Chloroform			not detected	470	6.00 ug/L	40.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	4.60 ug/L	40.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	9.40 ug/L	40.00 ug/L	
71-43-2	Benzene			not detected	71	4.60 ug/L	40.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	3.60 ug/L	40.00 ug/L	
79-01-6	Trichloroethene			not detected	81	4.60 ug/L	40.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	8.00 ug/L	40.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	11.00 ug/L	40.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	13.00 ug/L	40.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	13.80 ug/L	40.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	11.80 ug/L	40.00 ug/L	
108-88-3	Toluene			not detected	200000	7.40 ug/L	40.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	17.40 ug/L	40.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	9.60 ug/L	40.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	6.40 ug/L	40.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	14.20 ug/L	40.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	17.20 ug/L	40.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	7.80 ug/L	40.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	13.00 ug/L	40.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	22.80 ug/L	80.00 ug/L	
95-47-6	o-Xylene			not detected	nle	12.40 ug/L	40.00 ug/L	
100-42-5	Styrene			not detected	nle	11.20 ug/L	40.00 ug/L	
75-25-2	Bromoform			not detected	360	14.00 ug/L	40.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	9.40 ug/L	40.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	11.00 ug/L	40.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	11.40 ug/L	40.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	12.80 ug/L	40.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#13**

Lab Name: FMETL NJDEP#: 13461

Project: Case No.: 30700 Location: Stream SDG No.: 4th Qtr

Matrix: (soil/water) WATER Lab Sample ID: 3070025

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014888.D

Level: (low/med) LOW Date Received: 11/4/2003

% Moisture: not dec. Date Analyzed: 11/18/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014888.D**	Sample Name	**3070025**
Operator	**Skelton**	Field ID	**StreamSite#14**
Date Acquired	**18 Nov 2003 2:53 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#14**

Lab Name: FMETL NJDEP#: 13461

Project: Case No.: 30700 Location: Stream SDG No.: 4th Qtr

Matrix: (soil/water) WATER Lab Sample ID: 3070025

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014888.D

Level: (low/med) LOW Date Received: 11/4/2003

% Moisture: not dec. Date Analyzed: 11/18/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014894.D**	Sample Name	**3070020**
Operator	**Skelton**	Field ID	**StreamSite#15**
Date Acquired	**18 Nov 2003 6:44 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.84	27063752	635.56 ug/L	nle	0.16 ug/L	2.00 ug/L	E
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.99	56178	1.71 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.66	16588	0.53 ug/L	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	23.56	39499	1.49 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene	25.81	38330	0.69 ug/L	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	26.09	93770	4.03 ug/L	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene	26.92	103742	2.24 ug/L	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014904.D**	Sample Name	**3070020**
Operator	**Skelton**	Field ID	**StreamSite#15**
Date Acquired	**19 Nov 2003 1:10 am**	Sample Multiplier	**20**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	37.00 ug/L	400.00 ug/L	
107131	Acrylonitrile			not detected	0.67	55.60 ug/L	400.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	170.40 ug/L	400.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.92	1102782	535.08 ug/L	nle	3.20 ug/L	40.00 ug/L	D
108203	Di-isopropyl ether			not detected	nle	5.00 ug/L	40.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	33.60 ug/L	40.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	23.20 ug/L	40.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	21.20 ug/L	40.00 ug/L	
74-83-9	Bromomethane			not detected	4000	22.00 ug/L	40.00 ug/L	
75-00-3	Chloroethane			not detected	nle	20.20 ug/L	40.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	10.00 ug/L	40.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	4.80 ug/L	40.00 ug/L	
67-64-1	Acetone			not detected	nle	27.20 ug/L	40.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	9.20 ug/L	40.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	4.80 ug/L	40.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	3.20 ug/L	40.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	2.40 ug/L	40.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	15.60 ug/L	40.00 ug/L	
78-93-3	2-Butanone			not detected	nle	12.40 ug/L	40.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	3.40 ug/L	40.00 ug/L	
67-66-3	Chloroform			not detected	470	6.00 ug/L	40.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	4.60 ug/L	40.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	9.40 ug/L	40.00 ug/L	
71-43-2	Benzene			not detected	71	4.60 ug/L	40.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	3.60 ug/L	40.00 ug/L	
79-01-6	Trichloroethene			not detected	81	4.60 ug/L	40.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	8.00 ug/L	40.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	11.00 ug/L	40.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	13.00 ug/L	40.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	13.80 ug/L	40.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	11.80 ug/L	40.00 ug/L	
108-88-3	Toluene			not detected	200000	7.40 ug/L	40.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	17.40 ug/L	40.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	9.60 ug/L	40.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	6.40 ug/L	40.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	14.20 ug/L	40.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	17.20 ug/L	40.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	7.80 ug/L	40.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	13.00 ug/L	40.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	22.80 ug/L	80.00 ug/L	
95-47-6	o-Xylene			not detected	nle	12.40 ug/L	40.00 ug/L	
100-42-5	Styrene			not detected	nle	11.20 ug/L	40.00 ug/L	
75-25-2	Bromoform			not detected	360	14.00 ug/L	40.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	9.40 ug/L	40.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	11.00 ug/L	40.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	11.40 ug/L	40.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	12.80 ug/L	40.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#15**

Lab Name: FMETL NJDEP#: 13461

Project: Case No.: 30700 Location: Stream SDG No.: 4th Qtr

Matrix: (soil/water) WATER Lab Sample ID: 3070020

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014894.D

Level: (low/med) LOW Date Received: 11/4/2003

% Moisture: not dec. Date Analyzed: 11/18/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000115-11-7	1-Propene, 2-methyl-	5.42	170	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014891.D**	Sample Name	**3070017**
Operator	**Skelton**	Field ID	**StreamSite#16**
Date Acquired	**18 Nov 2003 4:49 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.84	26810499	647.99 ug/L	nle	0.16 ug/L	2.00 ug/L	E
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.99	41998	1.31 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014901.D**	Sample Name	**3070017**
Operator	**Skelton**	Field ID	**StreamSite#16**
Date Acquired	**18 Nov 2003 11:10 pm**	Sample Multiplier	**20**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	37.00 ug/L	400.00 ug/L	
107131	Acrylonitrile			not detected	0.67	55.60 ug/L	400.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	170.40 ug/L	400.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.92	985995	497.62 ug/L	nle	3.20 ug/L	40.00 ug/L	D
108203	Di-isopropyl ether			not detected	nle	5.00 ug/L	40.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	33.60 ug/L	40.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	23.20 ug/L	40.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	21.20 ug/L	40.00 ug/L	
74-83-9	Bromomethane			not detected	4000	22.00 ug/L	40.00 ug/L	
75-00-3	Chloroethane			not detected	nle	20.20 ug/L	40.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	10.00 ug/L	40.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	4.80 ug/L	40.00 ug/L	
67-64-1	Acetone			not detected	nle	27.20 ug/L	40.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	9.20 ug/L	40.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	4.80 ug/L	40.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	3.20 ug/L	40.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	2.40 ug/L	40.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	15.60 ug/L	40.00 ug/L	
78-93-3	2-Butanone			not detected	nle	12.40 ug/L	40.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	3.40 ug/L	40.00 ug/L	
67-66-3	Chloroform			not detected	470	6.00 ug/L	40.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	4.60 ug/L	40.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	9.40 ug/L	40.00 ug/L	
71-43-2	Benzene			not detected	71	4.60 ug/L	40.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	3.60 ug/L	40.00 ug/L	
79-01-6	Trichloroethene			not detected	81	4.60 ug/L	40.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	8.00 ug/L	40.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	11.00 ug/L	40.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	13.00 ug/L	40.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	13.80 ug/L	40.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	11.80 ug/L	40.00 ug/L	
108-88-3	Toluene			not detected	200000	7.40 ug/L	40.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	17.40 ug/L	40.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	9.60 ug/L	40.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	6.40 ug/L	40.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	14.20 ug/L	40.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	17.20 ug/L	40.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	7.80 ug/L	40.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	13.00 ug/L	40.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	22.80 ug/L	80.00 ug/L	
95-47-6	o-Xylene			not detected	nle	12.40 ug/L	40.00 ug/L	
100-42-5	Styrene			not detected	nle	11.20 ug/L	40.00 ug/L	
75-25-2	Bromoform			not detected	360	14.00 ug/L	40.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	9.40 ug/L	40.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	11.00 ug/L	40.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	11.40 ug/L	40.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	12.80 ug/L	40.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#16**

Lab Name: FMETL NJDEP#: 13461

Project: Case No.: 30700 Location: Stream SDG No.: 4th Qtr

Matrix: (soil/water) WATER Lab Sample ID: 3070017

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014891.D

Level: (low/med) LOW Date Received: 11/4/2003

% Moisture: not dec. Date Analyzed: 11/18/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000115-11-7	1-Propene, 2-methyl-	5.43	170	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014885.D**	Sample Name	**3070022**
Operator	**Skelton**	Field ID	**StreamSite#17**
Date Acquired	**18 Nov 2003 12:58 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	13.04	167943	3.58 ug/L	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#17**

Lab Name: FMETL NJDEP#: 13461

Project: Case No.: 30700 Location: Stream SDG No.: 4th Qtr

Matrix: (soil/water) WATER Lab Sample ID: 3070022

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014885.D

Level: (low/med) LOW Date Received: 11/4/2003

% Moisture: not dec. Date Analyzed: 11/18/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014843.D**	Sample Name	**3070010**
Operator	**Skelton**	Field ID	**Streamsite#18**
Date Acquired	**11 Nov 2003 6:41 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.70	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride	5.47	33136	1.29 ug/L	0.08	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.99	226853	5.41 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform	16.77	53279	0.99 ug/L	5.67	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9B-1.14 18-May-98

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FRESHWATER03.CRT

11/13/2003 10:38 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#18**

Lab Name: FMETL NJDEP#: 13461

Project: Case No.: 30700 Location: Stream SDG No.: 4th Qtr

Matrix: (soil/water) WATER Lab Sample ID: 3070010

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014843.D

Level: (low/med) LOW Date Received: 11/4/2003

% Moisture: not dec. Date Analyzed: 11/11/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014841.D**	Sample Name	**3070008**
Operator	**Skelton**	Field ID	**Streamsite#19**
Date Acquired	**11 Nov 2003 5:24 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.99	172269	4.00 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#19**

Lab Name: FMETL NJDEP#: 13461

Project: Case No.: 30700 Location: Stream SDG No.: 4th Qtr

Matrix: (soil/water) WATER Lab Sample ID: 3070008

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014841.D

Level: (low/med) LOW Date Received: 11/4/2003

% Moisture: not dec. Date Analyzed: 11/11/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014839.D**	Sample Name	**3070006**
Operator	**Skelton**	Field ID	**Streamsite#20**
Date Acquired	**11 Nov 2003 4:08 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.86	1525693	21.91 ug/L	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

11/13/2003 10:39 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#20**

Lab Name: FMETL NJDEP#: 13461

Project: Case No.: 30700 Location: Stream SDG No.: 4th Qtr

Matrix: (soil/water) WATER Lab Sample ID: 3070006

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014839.D

Level: (low/med) LOW Date Received: 11/4/2003

% Moisture: not dec. Date Analyzed: 11/11/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014838.D**	Sample Name	**3070005**
Operator	**Skelton**	Field ID	**Streamsite#21**
Date Acquired	**11 Nov 2003 3:30 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.85	1626661	22.28 ug/L	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

11/13/2003 10:39 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#21**

Lab Name: FMETL NJDEP#: 13461

Project: Case No.: 30700 Location: Stream SDG No.: 4th Qtr

Matrix: (soil/water) WATER Lab Sample ID: 3070005

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014838.D

Level: (low/med) LOW Date Received: 11/4/2003

% Moisture: not dec. Date Analyzed: 11/11/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014835.D**	Sample Name	**3070004**
Operator	**Skelton**	Field ID	**Streamsite#22**
Date Acquired	**11 Nov 2003 1:35 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.91	365472	5.33 ug/L	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone	12.10	58138	2.43 ug/L	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#22**

Lab Name: FMETL NJDEP#: 13461

Project: Case No.: 30700 Location: Stream SDG No.: 4th Qtr

Matrix: (soil/water) WATER Lab Sample ID: 3070004

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014835.D

Level: (low/med) LOW Date Received: 11/4/2003

% Moisture: not dec. Date Analyzed: 11/11/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014893.D**	Sample Name	**3070019**
Operator	**Skelton**	Field ID	**StreamSite#23**
Date Acquired	**18 Nov 2003 6:05 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.84	26291416	615.88 ug/L	nle	0.16 ug/L	2.00 ug/L	E
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.99	42460	1.29 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014903.D**	Sample Name	**3070019**
Operator	**Skelton**	Field ID	**StreamSite#23**
Date Acquired	**19 Nov 2003 12:32 am**	Sample Multiplier	**20**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	37.00 ug/L	400.00 ug/L	
107131	Acrylonitrile			not detected	0.67	55.60 ug/L	400.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	170.40 ug/L	400.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.90	1438218	680.50 ug/L	nle	3.20 ug/L	40.00 ug/L	D
108203	Di-isopropyl ether			not detected	nle	5.00 ug/L	40.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	33.60 ug/L	40.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	23.20 ug/L	40.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	21.20 ug/L	40.00 ug/L	
74-83-9	Bromomethane			not detected	4000	22.00 ug/L	40.00 ug/L	
75-00-3	Chloroethane			not detected	nle	20.20 ug/L	40.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	10.00 ug/L	40.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	4.80 ug/L	40.00 ug/L	
67-64-1	Acetone			not detected	nle	27.20 ug/L	40.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	9.20 ug/L	40.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	4.80 ug/L	40.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	3.20 ug/L	40.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	2.40 ug/L	40.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	15.60 ug/L	40.00 ug/L	
78-93-3	2-Butanone			not detected	nle	12.40 ug/L	40.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	3.40 ug/L	40.00 ug/L	
67-66-3	Chloroform			not detected	470	6.00 ug/L	40.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	4.60 ug/L	40.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	9.40 ug/L	40.00 ug/L	
71-43-2	Benzene			not detected	71	4.60 ug/L	40.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	3.60 ug/L	40.00 ug/L	
79-01-6	Trichloroethene			not detected	81	4.60 ug/L	40.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	8.00 ug/L	40.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	11.00 ug/L	40.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	13.00 ug/L	40.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	13.80 ug/L	40.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	11.80 ug/L	40.00 ug/L	
108-88-3	Toluene			not detected	200000	7.40 ug/L	40.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	17.40 ug/L	40.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	9.60 ug/L	40.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	6.40 ug/L	40.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	14.20 ug/L	40.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	17.20 ug/L	40.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	7.80 ug/L	40.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	13.00 ug/L	40.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	22.80 ug/L	80.00 ug/L	
95-47-6	o-Xylene			not detected	nle	12.40 ug/L	40.00 ug/L	
100-42-5	Styrene			not detected	nle	11.20 ug/L	40.00 ug/L	
75-25-2	Bromoform			not detected	360	14.00 ug/L	40.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	9.40 ug/L	40.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	11.00 ug/L	40.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	11.40 ug/L	40.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	12.80 ug/L	40.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#23**

Lab Name: FMETL NJDEP#: 13461

Project: Case No.: 30700 Location: Stream SDG No.: 4th Qtr

Matrix: (soil/water) WATER Lab Sample ID: 3070019

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014893.D

Level: (low/med) LOW Date Received: 11/4/2003

% Moisture: not dec. Date Analyzed: 11/18/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000115-11-7	1-Propene, 2-methyl-	5.43	180	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014892.D**	Sample Name	**3070018**
Operator	**Skelton**	Field ID	**StreamSite#24**
Date Acquired	**18 Nov 2003 5:27 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.83	27355920	634.31 ug/L	nle	0.16 ug/L	2.00 ug/L	E
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.70	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.99	38683	1.16 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9B-1.14 18-May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014902.D**	Sample Name	**3070018**
Operator	**Skelton**	Field ID	**StreamSite#24**
Date Acquired	**18 Nov 2003 11:48 pm**	Sample Multiplier	**20**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	320	37.00 ug/L	400.00 ug/L	
107131	Acrylonitrile			not detected	0.06	55.60 ug/L	400.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	170.40 ug/L	400.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.92	1036142	504.75 ug/L	nle	3.20 ug/L	40.00 ug/L	D
108203	Di-isopropyl ether			not detected	nle	5.00 ug/L	40.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	33.60 ug/L	40.00 ug/L	
74-87-3	Chloromethane			not detected	5.70	23.20 ug/L	40.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	21.20 ug/L	40.00 ug/L	
74-83-9	Bromomethane			not detected	48.40	22.00 ug/L	40.00 ug/L	
75-00-3	Chloroethane			not detected	nle	20.20 ug/L	40.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	10.00 ug/L	40.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	4.80 ug/L	40.00 ug/L	
67-64-1	Acetone			not detected	nle	27.20 ug/L	40.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	9.20 ug/L	40.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	4.80 ug/L	40.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	3.20 ug/L	40.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	2.40 ug/L	40.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	15.60 ug/L	40.00 ug/L	
78-93-3	2-Butanone			not detected	nle	12.40 ug/L	40.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	3.40 ug/L	40.00 ug/L	
67-66-3	Chloroform			not detected	5.67	6.00 ug/L	40.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	4.60 ug/L	40.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	9.40 ug/L	40.00 ug/L	
71-43-2	Benzene			not detected	0.15	4.60 ug/L	40.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	3.60 ug/L	40.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	4.60 ug/L	40.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	8.00 ug/L	40.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	11.00 ug/L	40.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	13.00 ug/L	40.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	13.80 ug/L	40.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	11.80 ug/L	40.00 ug/L	
108-88-3	Toluene			not detected	7440	7.40 ug/L	40.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	17.40 ug/L	40.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	9.60 ug/L	40.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	6.40 ug/L	40.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	14.20 ug/L	40.00 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	17.20 ug/L	40.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	7.80 ug/L	40.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	13.00 ug/L	40.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	22.80 ug/L	80.00 ug/L	
95-47-6	o-Xylene			not detected	nle	12.40 ug/L	40.00 ug/L	
100-42-5	Styrene			not detected	nle	11.20 ug/L	40.00 ug/L	
75-25-2	Bromoform			not detected	4.38	14.00 ug/L	40.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	9.40 ug/L	40.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	11.00 ug/L	40.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	11.40 ug/L	40.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	12.80 ug/L	40.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9B-1.14 18-May-98

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FRESHWATER03.CRT

11/19/2003 1:40 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#24**

Lab Name: FMETL NJDEP#: 13461

Project: Case No.: 30700 Location: Stream SDG No.: 4th Qtr

Matrix: (soil/water) WATER Lab Sample ID: 3070018

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014892.D

Level: (low/med) LOW Date Received: 11/4/2003

% Moisture: not dec. Date Analyzed: 11/18/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000115-11-7	1-Propene, 2-methyl-	5.42	160	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014884.D**	Sample Name	**3070021**
Operator	**Skelton**	Field ID	**StreamSite#25**
Date Acquired	**18 Nov 2003 12:20 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	13.01	179925	3.79 ug/L	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

11/19/2003 1:41 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#25**

Lab Name: FMETL NJDEP#: 13461

Project: Case No.: 30700 Location: Stream SDG No.: 4th Qtr

Matrix: (soil/water) WATER Lab Sample ID: 3070021

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014884.D

Level: (low/med) LOW Date Received: 11/4/2003

% Moisture: not dec. Date Analyzed: 11/18/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014886.D**	Sample Name	**3070023**
Operator	**Skelton**	Field ID	**StreamSite#26**
Date Acquired	**18 Nov 2003 1:37 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	13.03	159655	3.68 ug/L	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values
*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#26**

Lab Name: FMETL NJDEP#: 13461

Project: Case No.: 30700 Location: Stream SDG No.: 4th Qtr

Matrix: (soil/water) WATER Lab Sample ID: 3070023

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014886.D

Level: (low/med) LOW Date Received: 11/4/2003

% Moisture: not dec. Date Analyzed: 11/18/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014845.D**	Sample Name	**3070012**
Operator	**Skelton**	Field ID	**Streamsite#27**
Date Acquired	**11 Nov 2003 7:57 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.79	28115659	405.82 ug/L	nle	0.16 ug/L	2.00 ug/L	E
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.99	37567	0.88 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	23.55	36475	1.06 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	26.09	130327	2.93 ug/L	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene	26.92	133976	1.46 ug/L	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

11/13/2003 10:39 AM

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014896.D**	Sample Name	**3070012**
Operator	**Skelton**	Field ID	**StreamSite#27**
Date Acquired	**18 Nov 2003 8:00 pm**	Sample Multiplier	**20**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	37.00 ug/L	400.00 ug/L	
107131	Acrylonitrile			not detected	0.67	55.60 ug/L	400.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	170.40 ug/L	400.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.93	805289	377.93 ug/L	nle	3.20 ug/L	40.00 ug/L	D
108203	Di-isopropyl ether			not detected	nle	5.00 ug/L	40.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	33.60 ug/L	40.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	23.20 ug/L	40.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	21.20 ug/L	40.00 ug/L	
74-83-9	Bromomethane			not detected	4000	22.00 ug/L	40.00 ug/L	
75-00-3	Chloroethane			not detected	nle	20.20 ug/L	40.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	10.00 ug/L	40.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	4.80 ug/L	40.00 ug/L	
67-64-1	Acetone			not detected	nle	27.20 ug/L	40.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	9.20 ug/L	40.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	4.80 ug/L	40.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	3.20 ug/L	40.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	2.40 ug/L	40.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	15.60 ug/L	40.00 ug/L	
78-93-3	2-Butanone			not detected	nle	12.40 ug/L	40.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	3.40 ug/L	40.00 ug/L	
67-66-3	Chloroform			not detected	470	6.00 ug/L	40.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	4.60 ug/L	40.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	9.40 ug/L	40.00 ug/L	
71-43-2	Benzene			not detected	71	4.60 ug/L	40.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	3.60 ug/L	40.00 ug/L	
79-01-6	Trichloroethene			not detected	81	4.60 ug/L	40.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	8.00 ug/L	40.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	11.00 ug/L	40.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	13.00 ug/L	40.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	13.80 ug/L	40.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	11.80 ug/L	40.00 ug/L	
108-88-3	Toluene			not detected	200000	7.40 ug/L	40.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	17.40 ug/L	40.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	9.60 ug/L	40.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	6.40 ug/L	40.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	14.20 ug/L	40.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	17.20 ug/L	40.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	7.80 ug/L	40.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	13.00 ug/L	40.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	22.80 ug/L	80.00 ug/L	
95-47-6	o-Xylene			not detected	nle	12.40 ug/L	40.00 ug/L	
100-42-5	Styrene			not detected	nle	11.20 ug/L	40.00 ug/L	
75-25-2	Bromoform			not detected	360	14.00 ug/L	40.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	9.40 ug/L	40.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	11.00 ug/L	40.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	11.40 ug/L	40.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	12.80 ug/L	40.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#27**

Lab Name: FMETL NJDEP#: 13461

Project: Case No.: 30700 Location: Stream SDG No.: 4th Qtr

Matrix: (soil/water) WATER Lab Sample ID: 3070012

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014845.D

Level: (low/med) LOW Date Received: 11/4/2003

% Moisture: not dec. Date Analyzed: 11/11/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000115-11-7	1-Propene, 2-methyl-	5.39	28	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014847.D**	Sample Name	**3070014**
Operator	**Skelton**	Field ID	**Streamsite#28**
Date Acquired	**11 Nov 2003 9:14 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.79	39100259	564.99 ug/L	nle	0.16 ug/L	2.00 ug/L	E
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.98	65905	1.54 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	19.64	21973	0.78 ug/L	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	23.55	65507	1.89 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes	26.09	220695	4.89 ug/L	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene	26.92	226843	2.44 ug/L	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

11/13/2003 10:40 AM

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB014898.D**	Sample Name	**3070014**
Operator	**Skelton**	Field ID	**StreamSite#28**
Date Acquired	**18 Nov 2003 9:16 pm**	Sample Multiplier	**20**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	37.00 ug/L	400.00 ug/L	
107131	Acrylonitrile			not detected	0.67	55.60 ug/L	400.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	170.40 ug/L	400.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.92	989643	493.12 ug/L	nle	3.20 ug/L	40.00 ug/L	D
108203	Di-isopropyl ether			not detected	nle	5.00 ug/L	40.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	33.60 ug/L	40.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	23.20 ug/L	40.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	21.20 ug/L	40.00 ug/L	
74-83-9	Bromomethane			not detected	4000	22.00 ug/L	40.00 ug/L	
75-00-3	Chloroethane			not detected	nle	20.20 ug/L	40.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	10.00 ug/L	40.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	4.80 ug/L	40.00 ug/L	
67-64-1	Acetone			not detected	nle	27.20 ug/L	40.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	9.20 ug/L	40.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	4.80 ug/L	40.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	3.20 ug/L	40.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	2.40 ug/L	40.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	15.60 ug/L	40.00 ug/L	
78-93-3	2-Butanone			not detected	nle	12.40 ug/L	40.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	3.40 ug/L	40.00 ug/L	
67-66-3	Chloroform			not detected	470	6.00 ug/L	40.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	4.60 ug/L	40.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	9.40 ug/L	40.00 ug/L	
71-43-2	Benzene			not detected	71	4.60 ug/L	40.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	3.60 ug/L	40.00 ug/L	
79-01-6	Trichloroethene			not detected	81	4.60 ug/L	40.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	8.00 ug/L	40.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	11.00 ug/L	40.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	13.00 ug/L	40.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	13.80 ug/L	40.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	11.80 ug/L	40.00 ug/L	
108-88-3	Toluene			not detected	200000	7.40 ug/L	40.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	17.40 ug/L	40.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	9.60 ug/L	40.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	6.40 ug/L	40.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	14.20 ug/L	40.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	17.20 ug/L	40.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	7.80 ug/L	40.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	13.00 ug/L	40.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	22.80 ug/L	80.00 ug/L	
95-47-6	o-Xylene			not detected	nle	12.40 ug/L	40.00 ug/L	
100-42-5	Styrene			not detected	nle	11.20 ug/L	40.00 ug/L	
75-25-2	Bromoform			not detected	360	14.00 ug/L	40.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	9.40 ug/L	40.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	11.00 ug/L	40.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	11.40 ug/L	40.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	12.80 ug/L	40.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#28**

Lab Name: FMETL NJDEP#: 13461

Project: Case No.: 30700 Location: Stream SDG No.: 4th Qtr

Matrix: (soil/water) WATER Lab Sample ID: 3070014

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB014847.D

Level: (low/med) LOW Date Received: 11/4/2003

% Moisture: not dec. Date Analyzed: 11/11/2003

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000115-11-7	1-Propene, 2-methyl-	5.39	35	JN

PCB'S

TABULATED ANALYTICAL REPORT
POLYCHLORINATED BIPHENYLS
EPA METHOD 8082

mb 110503 Aq

MATRIX: Aqueous
Date Extracted: 11/5/2003
Ext. Batch: 110503
Filename: PCB13081.D
Date Analyzed: 11/6/2003

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (mg/L)	MDL (mg/L)
12674-11-2	Aroclor 1016	ND	0.0112
11104-28-2	Aroclor 1221	ND	0.0206
12672-29-6	Aroclor 1248	ND	0.0140
53469-21-9	Aroclor 1242	ND	0.0160
11141-16-5	Aroclor 1232	ND	0.0064
11097-69-1	Aroclor 1254	ND	0.0040
11096-82-5	Aroclor 1260	ND	0.0036

MDL - Method Detection Limit
ND = Not detected at or above MDL

Initial Vol..(ml)) 1000
Final Vol.(ml) 10

COMMENTS:

TABULATED ANALYTICAL REPORT
POLYCHLORINATED BIPHENYLS
EPA METHOD 8082

mb 110603

MATRIX: Aqueous
Date Extracted: 11/6/2003
Ext. Batch: 110603
Filename: PCB13117.D
Date Analyzed: 11/7/2003

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (mg/L)	MDL (mg/L)
12674-11-2	Aroclor 1016	ND	0.0112
11104-28-2	Aroclor 1221	ND	0.0206
12672-29-6	Aroclor 1248	ND	0.0140
53469-21-9	Aroclor 1242	ND	0.0160
11141-16-5	Aroclor 1232	ND	0.0064
11097-69-1	Aroclor 1254	ND	0.0040
11096-82-5	Aroclor 1260	ND	0.0036

MDL - Method Detection Limit
ND = Not detected at or above MDL

Initial Vol..(ml)) 1000
Final Vol.(ml) 10

COMMENTS:

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 4th Qrtr. 03**	**Date Extracted:**	**11/5/2003**
Client ID:	**FIELDBLANK**	**Ext. Batch:**	**110503**
Lab ID:	**3070002**	**Date Analyzed:**	**11/6/2003**
Filename:	**PCB13083.D**	**DILUTION:**	**1**
Lab Project No:	**30700**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client: U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.
Location: Streams 4th Qrtr. 03
Client ID: Dupe
Lab ID: 3070003
Filename: PCB13084.D
Lab Project No: 30700

MATRIX: Aqueous
Date Extracted: 11/5/2003
Ext. Batch: 110503
Date Analyzed: 11/6/2003
DILUTION: 1

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0007
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.0007
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0006
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.0005
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0005
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0006
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client: U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.
Location: Streams 4th Qrtr. 03
Client ID: Stream Site # 03
Lab ID: 3070024
Filename: PCB13127.D
Lab Project No: 30700

MATRIX: Aqueous
Date Extracted: 11/6/2003
Ext. Batch: 110603
Date Analyzed: 11/7/2003
DILUTION: 1

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0007
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.0007
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0006
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.0005
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0005
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0006
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client: U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.
Location: Streams 4th Qrtr. 03
Client ID: Stream Site # 04
Lab ID: 3070015
Filename: PCB13096.D
Lab Project No: 30700

MATRIX: Aqueous
Date Extracted: 11/5/2003
Ext. Batch: 110503
Date Analyzed: 11/7/2003
DILUTION: 1

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0007
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.0007
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0006
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.0005
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0005
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0006
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 4th Qrtr. 03**	**Date Extracted:**	**11/6/2003**
Client ID:	**Stream Site # 05**	**Ext. Batch:**	**110603**
Lab ID:	**3070016**	**Date Analyzed:**	**11/7/2003**
Filename:	**PCB13119.D**	**DILUTION:**	**1**
Lab Project No:	**30700**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client: U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.
Location: Streams 4th Qrtr. 03
Client ID: Stream Site # 07
Lab ID: 3070013
Filename: PCB13094.D
Lab Project No: 30700

MATRIX: Aqueous
Date Extracted: 11/5/2003
Ext. Batch: 110503
Date Analyzed: 11/7/2003
DILUTION: 1

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0007
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.0007
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0006
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.0005
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0005
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0006
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 4th Qrtr. 03**	**Date Extracted:**	**11/5/2003**
Client ID:	**Stream Site # 09**	**Ext. Batch:**	**110503**
Lab ID:	**3070007**	**Date Analyzed:**	**11/7/2003**
Filename:	**PCB13088.D**	**DILUTION:**	**1**
Lab Project No:	**30700**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client: U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.
Location: Streams 4th Qrtr. 03
Client ID: Stream Site # 11
Lab ID: 3070011
Filename: PCB13092.D
Lab Project No: 30700

MATRIX: Aqueous
Date Extracted: 11/5/2003
Ext. Batch: 110503
Date Analyzed: 11/7/2003
DILUTION: 1

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0007
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.0007
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0006
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.0005
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0005
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0006
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client: U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.
Location: Streams 4th Qrtr. 03
Client ID: Stream Site # 12
Lab ID: 3070009
Filename: PCB13090.D
Lab Project No: 30700

MATRIX: Aqueous
Date Extracted: 11/5/2003
Ext. Batch: 110503
Date Analyzed: 11/7/2003
DILUTION: 1

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0007
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.0007
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0006
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.0005
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0005
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0006
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 4th Qrtr. 03**	**Date Extracted:**	**11/6/2003**
Client ID:	**Stream Site # 13**	**Ext. Batch:**	**110603**
Lab ID:	**3070016**	**Date Analyzed:**	**11/7/2003**
Filename:	**PCB13119.D**	**DILUTION:**	**1**
Lab Project No:	**30700**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 4th Qrtr. 03**	**Date Extracted:**	**11/6/2003**
Client ID:	**Stream Site # 13**	**Ext. Batch:**	**110603**
Lab ID:	**3070026**	**Date Analyzed:**	**11/7/2003**
Filename:	**PCB13129.D**	**DILUTION:**	**1**
Lab Project No:	**30700**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 4th Qrtr. 03**	**Date Extracted:**	**11/6/2003**
Client ID:	**Stream Site # 14**	**Ext. Batch:**	**110603**
Lab ID:	**3070025**	**Date Analyzed:**	**11/7/2003**
Filename:	**PCB13128.D**	**DILUTION:**	**1**
Lab Project No:	**30700**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.	MATRIX:	Aqueous
Location:	Streams 4th Qrtr. 03	Date Extracted:	11/6/2003
Client ID:	Stream Site # 15	Ext. Batch:	110603
Lab ID:	3070020	Date Analyzed:	11/7/2003
Filename:	PCB13123.D	DILUTION:	1
Lab Project No:	30700		
		Analyst:	A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0007
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.0007
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0006
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.0005
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0005
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0006
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 4th Qrtr. 03**	**Date Extracted:**	**11/6/2003**
Client ID:	**Stream Site # 16**	**Ext. Batch:**	**110603**
Lab ID:	**3070017**	**Date Analyzed:**	**11/7/2003**
Filename:	**PCB13120.D**	**DILUTION:**	**1**
Lab Project No:	**30700**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 4th Qrtr. 03**	**Date Extracted:**	**11/6/2003**
Client ID:	**Stream Site # 17**	**Ext. Batch:**	**110603**
Lab ID:	**3070022**	**Date Analyzed:**	**11/7/2003**
Filename:	**PCB13125.D**	**DILUTION:**	**1**
Lab Project No:	**30700**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 4th Qrtr. 03**	**Date Extracted:**	**11/5/2003**
Client ID:	**Stream Site # 18**	**Ext. Batch:**	**110503**
Lab ID:	**3070010**	**Date Analyzed:**	**11/7/2003**
Filename:	**PCB13091.D**	**DILUTION:**	**1**
Lab Project No:	**30700**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client: U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.
Location: Streams 4th Qrtr. 03
Client ID: Stream Site # 19
Lab ID: 3070008
Filename: PCB13089.D
Lab Project No: 30700

MATRIX: Aqueous
Date Extracted: 11/5/2003
Ext. Batch: 110503
Date Analyzed: 11/7/2003
DILUTION: 1

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0007
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.0007
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0006
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.0005
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0005
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0006
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 4th Qrtr. 03**	**Date Extracted:**	**11/5/2003**
Client ID:	**Stream Site # 20**	**Ext. Batch:**	**110503**
Lab ID:	**3070006**	**Date Analyzed:**	**11/7/2003**
Filename:	**PCB13087.D**	**DILUTION:**	**1**
Lab Project No:	**30700**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client: U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.
Location: Streams 4th Qrtr. 03
Client ID: Stream Site # 21
Lab ID: 3070005
Filename: PCB13086.D
Lab Project No: 30700

MATRIX: Aqueous
Date Extracted: 11/5/2003
Ext. Batch: 110503
Date Analyzed: 11/6/2003
DILUTION: 1

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0007
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.0007
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0006
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.0005
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0005
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0006
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client: U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.
Location: Streams 4th Qrtr. 03
Client ID: Stream Site # 22
Lab ID: 3070004
Filename: PCB13085.D
Lab Project No: 30700

MATRIX: Aqueous
Date Extracted: 11/5/2003
Ext. Batch: 110503
Date Analyzed: 11/6/2003
DILUTION: 1

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0007
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.0007
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0006
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.0005
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0005
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0006
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client: U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.
Location: Streams 4th Qrtr. 03
Client ID: Stream Site # 23
Lab ID: 3070019
Filename: PCB13122.D
Lab Project No: 30700

MATRIX: Aqueous
Date Extracted: 11/6/2003
Ext. Batch: 110603
Date Analyzed: 11/7/2003
DILUTION: 1

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.05	NA		0.0007
11104-28-2	AROCLOR 1221	ND	0.05	NA		0.0007
11141-16-5	AROCLOR 1232	ND	0.05	NA		0.0006
53469-21-9	AROCLOR 1242	ND	0.05	NA		0.0005
12672-29-6	AROCLOR 1248	ND	0.05	NA		0.0005
11097-69-1	AROCLOR 1254	ND	0.05	NA		0.0006
11096-82-5	AROCLOR 1260	ND	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 4th Qrtr. 03**	**Date Extracted:**	**11/6/2003**
Client ID:	**Stream Site # 24**	**Ext. Batch:**	**110603**
Lab ID:	**3070018**	**Date Analyzed:**	**11/7/2003**
Filename:	**PCB13121.D**	**DILUTION:**	**1**
Lab Project No:	**30700**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 4th Qrtr. 03**	**Date Extracted:**	**11/6/2003**
Client ID:	**Stream Site # 25**	**Ext. Batch:**	**110603**
Lab ID:	**3070021**	**Date Analyzed:**	**11/7/2003**
Filename:	**PCB13124.D**	**DILUTION:**	**1**
Lab Project No:	**30700**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 4th Qrtr. 03**	**Date Extracted:**	**11/6/2003**
Client ID:	**Stream Site # 26**	**Ext. Batch:**	**110603**
Lab ID:	**3070023**	**Date Analyzed:**	**11/7/2003**
Filename:	**PCB13126.D**	**DILUTION:**	**1**
Lab Project No:	**30700**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 4th Qrtr. 03**	**Date Extracted:**	**11/5/2003**
Client ID:	**Stream Site # 27**	**Ext. Batch:**	**110503**
Lab ID:	**3070012**	**Date Analyzed:**	**11/7/2003**
Filename:	**PCB13093.D**	**DILUTION:**	**1**
Lab Project No:	**30700**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams 4th Qrtr. 03**	**Date Extracted:**	**11/5/2003**
Client ID:	**Stream Site # 28**	**Ext. Batch:**	**110503**
Lab ID:	**3070014**	**Date Analyzed:**	**11/7/2003**
Filename:	**PCB13095.D**	**DILUTION:**	**1**
Lab Project No:	**30700**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.05	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.05	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.05	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.05	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.05	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.05	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

WET CHEMISTRY

Stream Water Analysis
4th Quarter 2003

Sample ID	Date Sampled	Stream Site#	pH	Ammonia (mg/L)	Nitrates (mg/L)	Phosphate (mg/L as PO4)	Sulfate (mg/L)	DO (mg/L)	T.Coliform (cfu/100ml)	F.Coliform (cfu/100ml)	% Salinity
3070004	11/04/03	22	7.79	ND	ND	0.16	1440	8.41	50	ND	19
3070005	11/04/03	21	7.83	ND	ND	0.23	1370	8.53	20	ND	19
3070006	11/04/03	20	7.81	ND	ND	0.21	1370	8.54	30	ND	19
3070007	11/04/03	09	7.77	ND	1.71	0.06	73.2	8.63	470	ND	13
3070008	11/04/03	19	7.63	ND	1.77	ND	15.1	8.74	170	ND	0
3070009	11/04/03	12	7.75	ND	2.07	0.01	15.7	8.39	370	10	0
3070010	11/04/03	18	7.77	ND	2.04	ND	16.0	8.39	210	10	0
3070011	11/04/03	11	7.53	ND	2.29	ND	16.5	8.70	540	ND	0
3070012	11/04/03	27	7.78	ND	0.78	0.13	209	8.47	990	20	11
3070013	11/04/03	07	7.78	ND	0.57	0.13	219	8.46	590	ND	11
3070014	11/04/03	28	7.76	ND	0.89	0.06	49.6	8.43	530	ND	10
3070015	11/04/03	04	7.76	ND	0.94	0.07	81.8	8.43	650	ND	9
3070016	11/04/03	05	7.69	ND	1.11	0.06	47.0	8.53	440	ND	8
3070017	11/04/03	16	7.54	ND	1.35	ND	23.7	8.57	460	ND	6
3070018	11/04/03	24	7.53	ND	1.24	0.07	24.5	8.54	320	10	6
3070019	11/04/03	23	7.54	ND	1.19	0.05	24.7	8.53	230	ND	5
3070020	11/04/03	15	7.56	ND	1.28	0.03	24.1	8.53	170	ND	5
3070021	11/04/03	25	7.56	ND	0.57	0.14	24.5	8.66	440	20	7
3070022	11/04/03	17	7.57	ND	0.49	0.11	22.9	8.64	1070	10	7
3070023	11/04/03	26	7.56	ND	0.58	0.22	23.9	8.65	630	ND	7
3070024	11/04/03	03	7.53	ND	0.68	0.12	23.1	8.68	450	10	4
3070025	11/04/03	14	7.49	ND	0.68	0.15	23.1	8.77	430	ND	0
3070026	11/04/03	13	7.43	ND	1.22	0.05	24.1	8.81	450	ND	0

mg/L = Parts Per Million
cfu = Colony Forming Units
ND = Not detected
TNTC = Too Numerous to Count

Completed: 11/28/03
Reviewed:

12-3-03

Daniel K. Wright
Laboratory Director

LTM

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l				-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	0.083				-
07/17/1997	FMETL	ND	ND	ND	ND	ND					
10/30/1997	FMETL	ND	ND	ND	ND	ND					
02/10/1998	FMETL	ND	ND	ND	ND	ND					
04/21/1998	FMETL	ND	ND	ND	ND	ND					
08/19/1998	FMETL	ND	ND	ND	ND	ND					
11/18/1998	FMETL	ND	ND	ND	1.09	ND					
02/25/1999	FMETL	ND	ND	ND	ND	ND					
06/29/1999	FMETL	ND	ND	ND	ND	ND					
09/22/1999	FMETL	ND	ND	ND	ND	ND					
12/09/1999	FMETL	ND	ND	ND	ND	ND					
03/01/2000	FMETL	ND	ND	ND	ND	ND					
06/12/2000	FMETL	ND	ND	ND	ND	ND					
08/24/2000	FMETL	ND	ND	ND	ND	ND					
11/20/2000	FMETL	ND	ND	ND	ND	ND					
03/08/2001	FMETL	ND	ND	ND	ND	ND					-
05/16/2001	FMETL	ND	ND	ND	ND	ND					-
09/25/2001	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	ND	ND	ND	ND	ND					-
02/11/2002	FMETL	ND	ND	ND	ND	ND					V
06/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/05/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/24/2003	FMETL	ND	ND	ND	ND	ND	ND				V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND	ND				V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND	ND				V,P
11/04/2003	FMETL	ND	ND	ND	ND	3.57	ND				V,P

SOURCE: 3

Sampling Dates:
07/17/1997 - 11/04/2003

NOTES:

Stream 3 is Fresh-Water.
MeCl limit is 2.49 ug/L.
PCE limit is 0.388 ug/L.

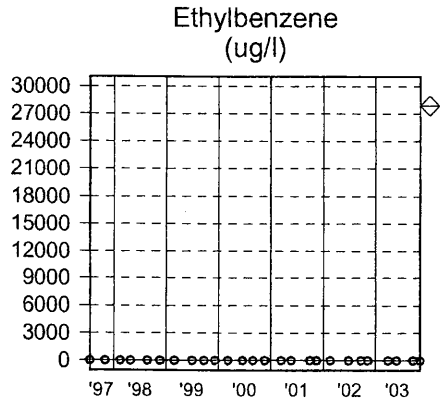
Page 1 of 1

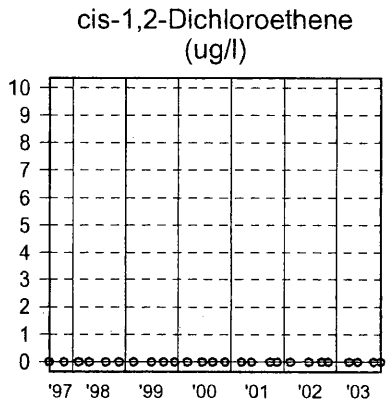
Fort Monmouth

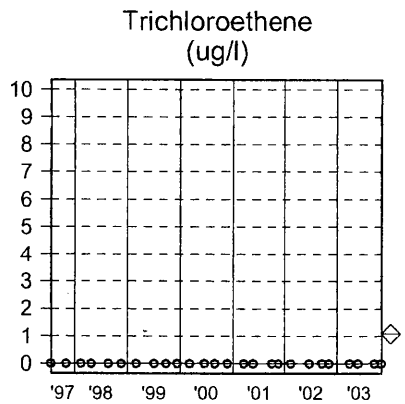
GW Monitoring
Streams

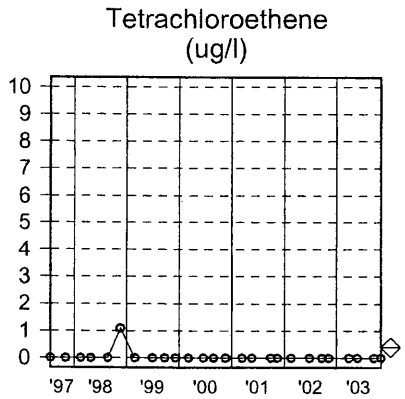
Source 1 of 23

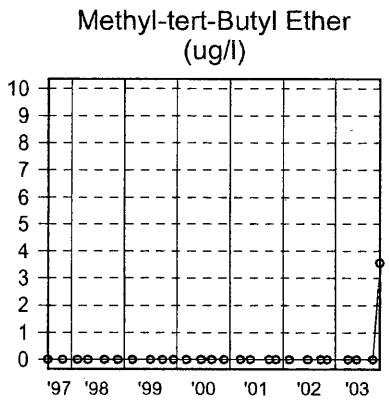
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

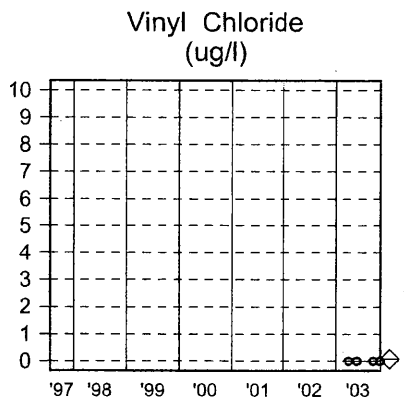












SOURCE: 3

Sampling Dates:
07/17/1997 - 11/04/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 1 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-01-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l				-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	0.083				-
04/08/1997	FMETL	ND	2.18	ND	ND	ND					
07/17/1997	FMETL	ND	1.63	ND	1.61	ND					
10/30/1997	FMETL	ND	ND	ND	1.24	ND					
02/10/1998	FMETL	ND	ND	ND	6.61	ND					
04/21/1998	FMETL	ND	ND	ND	4.42	ND					
08/19/1998	FMETL	ND	1.92	1.10	2.85	ND					
11/17/1998	FMETL	ND	1.19	ND	1.62	ND					
02/25/1999	FMETL	ND	ND	ND	5.61	ND					
06/29/1999	FMETL	ND	2.41	1.56	5.27	ND					
09/22/1999	FMETL	ND	2.02	ND	1.85	ND					
12/09/1999	FMETL	ND	ND	ND	ND	ND					
03/01/2000	FMETL	ND	1.23	1.26	6.18	2.18					
06/12/2000	FMETL	ND	ND	ND	4.37	ND					
08/24/2000	FMETL	ND	1.19	1.19	3.19	ND					
11/20/2000	FMETL	ND	ND	ND	3.70	ND					-
03/08/2001	FMETL	ND	ND	ND	2.52	ND					-
05/16/2001	FMETL	ND	ND	ND	2.95	ND					-
09/25/2001	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	ND	ND	ND	ND	ND					-
02/11/2002	FMETL	ND	ND	ND	1.64	ND					V
06/18/2002	FMETL	ND	ND	ND	1.97	ND					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/13/2003	FMETL	ND	0.57	0.51	2.33	ND	ND				V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND	ND				V,P
09/17/2003	FMETL	ND	1.14	ND	1.13	ND	ND				V,P
11/04/2003	FMETL	ND	1.03	ND	ND	454.16	ND				V,P

SOURCE: 4

Sampling Dates:
04/08/1997 - 11/04/2003

NOTES:

PAGE 1 OF 1
Stream 4 is Salt-Water.
MTBE limit is NLE
cis-1,2-Di limit is NLE
TCE limit is 81
PCE limit is 4.29

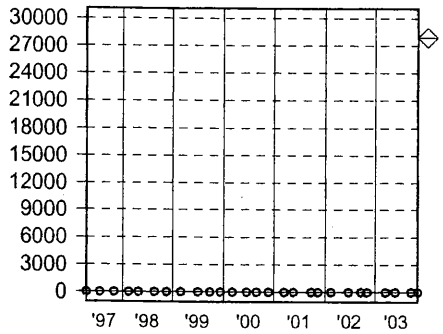
Fort Monmouth

GW Monitoring
Streams

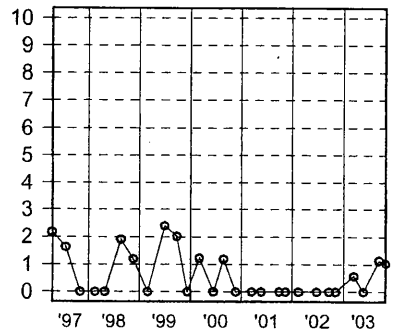
Source 2 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

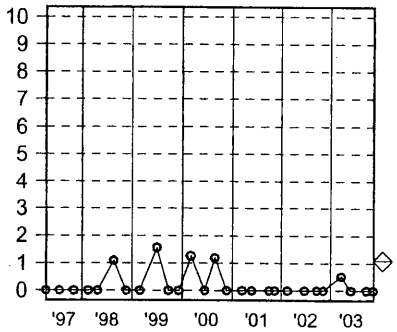
Ethylbenzene
(ug/l)



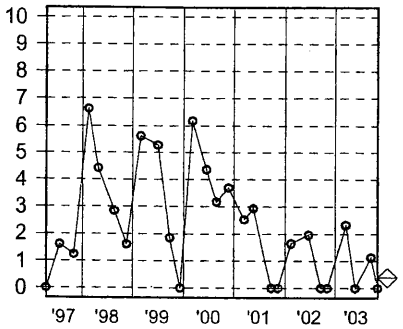
cis-1,2-Dichloroethene
(ug/l)



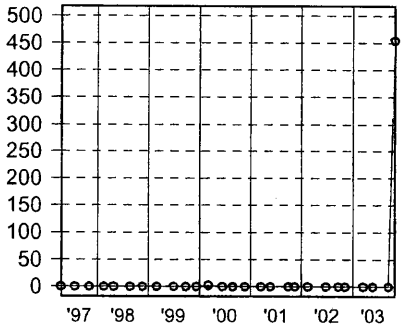
Trichloroethene
(ug/l)



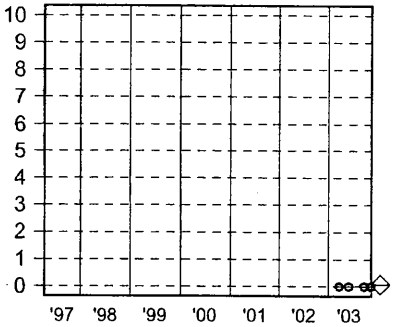
Tetrachloroethene
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Vinyl Chloride
(ug/l)



SOURCE: 4

Sampling Dates:
04/08/1997 - 11/04/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 2 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-01-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l				-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	0.083				-
04/08/1997	FMETL	ND	1.80	ND	2.28	ND					
07/17/1997	FMETL	ND	3.66	ND	3.54	ND					
10/30/1997	FMETL	ND	1.83	ND	1.70	ND					
02/10/1998	FMETL	ND	ND	ND	6.34	ND					
04/21/1998	FMETL	ND	ND	ND	4.48	ND					
08/19/1998	FMETL	ND	2.28	1.27	3.39	ND					
11/17/1998	FMETL	ND	1.67	ND	2.17	ND					
02/25/1999	FMETL	ND	ND	ND	5.45	ND					
06/29/1999	FMETL	ND	2.74	1.74	6.04	ND					
09/22/1999	FMETL	ND	1.96	ND	1.82	ND					
12/09/1999	FMETL	ND	1.60	ND	3.82	ND					
03/01/2000	FMETL	ND	1.27	1.36	6.62	2.34					
06/12/2000	FMETL	ND	ND	ND	4.38	ND					
08/24/2000	FMETL	ND	1.19	ND	3.44	ND					
11/20/2000	FMETL	ND	ND	ND	3.58	ND					-
03/08/2001	FMETL	ND	ND	ND	ND	ND					-
05/16/2001	FMETL	ND	0.97	ND	4.09	ND					-
09/25/2001	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	ND	1.51	ND	1.99	ND					-
02/11/2002	FMETL	ND	ND	ND	2.44	ND					V
06/18/2002	FMETL	ND	ND	ND	2.39	ND					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/13/2003	FMETL	ND	0.81	0.71	3.08	ND	ND				V,P
05/21/2003	FMETL	ND	ND	ND	3.54	ND	ND				V,P
09/17/2003	FMETL	ND	1.36	ND	1.23	ND	ND				V,P
11/04/2003	FMETL	ND	1.34	ND	ND	556.49	ND				V,P

SOURCE: 5

Sampling Dates:
04/08/1997 - 11/04/2003

NOTES:

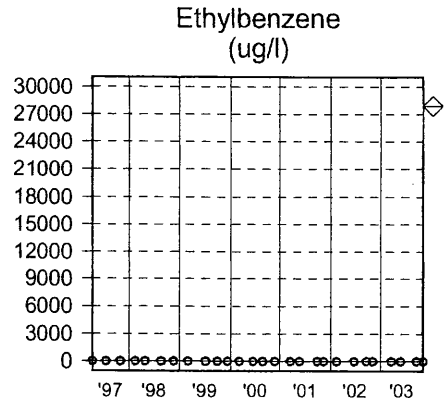
Page 1 of 1
Stream 5 is Salt-Water.
MeCl limit is 1600 ug/L.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.

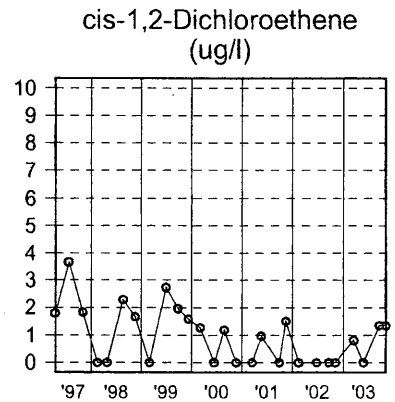
Fort Monmouth

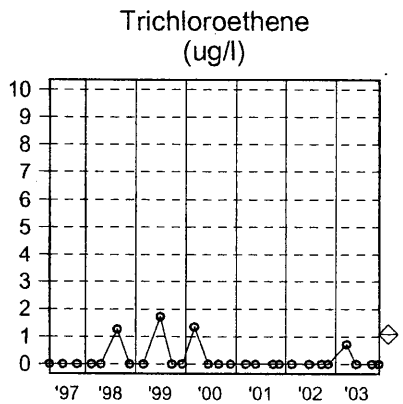
GW Monitoring
Streams

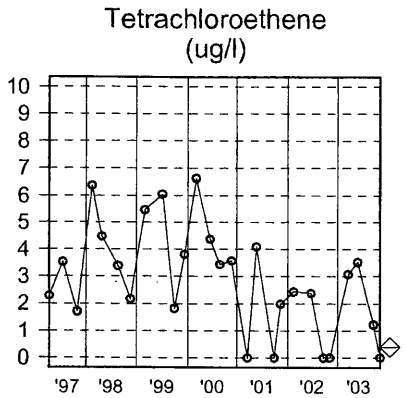
Source 3 of 23

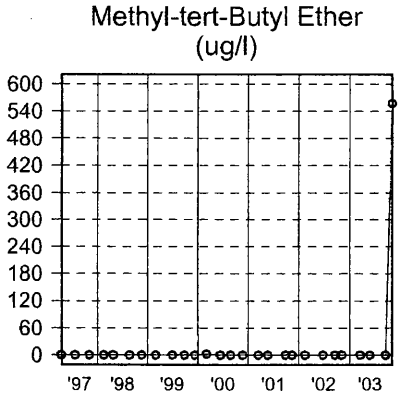
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

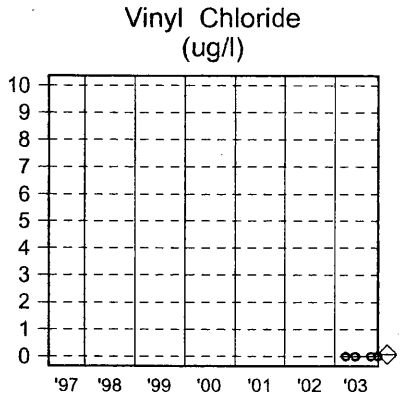












SOURCE: 5

Sampling Dates:
04/08/1997 - 11/04/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 3 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-01-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l				-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	0.083				-
04/08/1997	FMETL	ND	ND	ND	ND	ND					
07/17/1997	FMETL	ND	1.14	ND	1.08	ND					
10/30/1997	FMETL	ND	ND	ND	ND	ND					
02/10/1998	FMETL	ND	ND	ND	2.04	ND					
04/21/1998	FMETL	ND	ND	ND	2.40	ND					
08/19/1998	FMETL	ND	ND	ND	ND	ND					
11/17/1998	FMETL	ND	ND	ND	ND	ND					
02/25/1999	FMETL	ND	ND	ND	2.85	ND					
06/29/1999	FMETL	ND	ND	ND	1.42	2.00					
09/22/1999	FMETL	ND	ND	ND	ND	ND					
12/09/1999	FMETL	ND	ND	ND	ND	ND					
03/01/2000	FMETL	ND	1.19	1.30	6.47	2.14					
06/12/2000	FMETL	ND	ND	ND	ND	ND					
08/24/2000	FMETL	ND	ND	ND	1.77	ND					
11/20/2000	FMETL	ND	ND	ND	1.94	ND					-
03/08/2001	FMETL	ND	ND	ND	ND	ND					-
05/16/2001	FMETL	ND	ND	ND	ND	ND					-
09/25/2001	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	ND	ND	ND	ND	ND					-
02/11/2002	FMETL	ND	ND	ND	ND	ND					V
06/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/13/2003	FMETL	ND	ND	ND	1.61	ND	ND				V,P
05/21/2003	FMETL	ND	ND	ND	2.67	ND	ND				V,P
09/17/2003	FMETL	ND	1.17	ND	1.08	ND	ND				V,P
11/04/2003	FMETL	ND	0.83	ND	1.04	347.04	ND				V,P

SOURCE: 7

Sampling Dates:
04/08/1997 - 11/04/2003

NOTES:

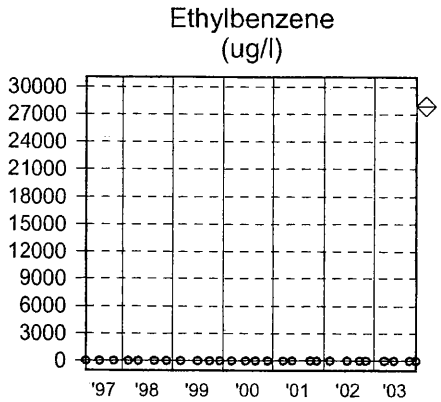
Page 1 of 1
Stream 7 is Salt-Water.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.
Acetone limit is NLE.

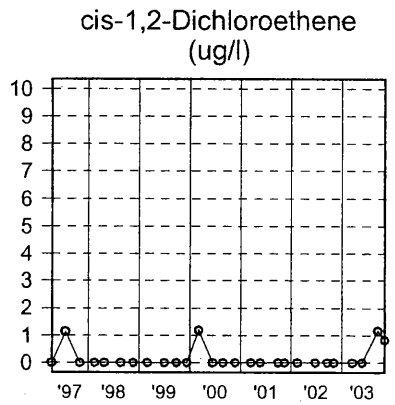
Fort Monmouth

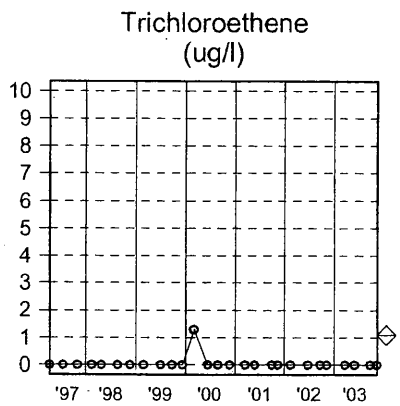
GW Monitoring
Streams

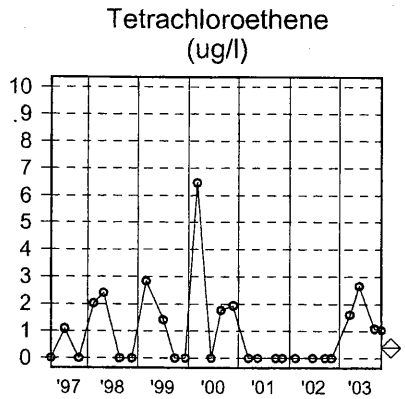
Source 4 of 23

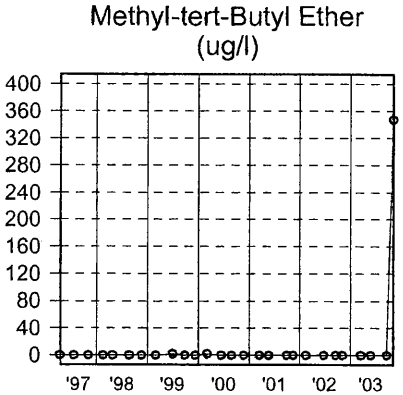
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

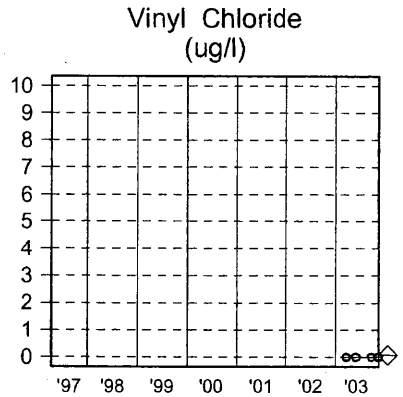












SOURCE: 7

Sampling Dates:
04/08/1997 - 11/04/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 4 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l				-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	0.083				-
04/08/1997	FMETL	ND	2.78	ND	ND	ND					
07/17/1997	FMETL	ND	ND	ND	ND	ND					
10/30/1997	FMETL	ND	2.14	ND	ND	ND					
02/10/1998	FMETL	ND	6.00	ND	ND	ND					
04/21/1998	FMETL	ND	4.73	ND	ND	ND					
08/19/1998	FMETL	ND	1.69	ND	ND	ND					
11/17/1998	FMETL	ND	ND	ND	ND	ND					
02/25/1999	FMETL	ND	1.78	ND	ND	ND					
06/29/1999	FMETL	ND	ND	ND	ND	ND					
09/21/1999	FMETL	ND	1.91	ND	ND	ND					
12/09/1999	FMETL	ND	ND	ND	ND	ND					
03/01/2000	FMETL	ND	2.17	ND	ND	ND					
06/12/2000	FMETL	ND	ND	ND	ND	ND					
08/24/2000	FMETL	ND	1.11	ND	ND	ND					
11/20/2000	FMETL	ND	ND	ND	ND	ND					-
11/20/2000D	FMETL	ND	ND	ND	ND	ND					-
02/21/2001	FMETL	ND	1.72	ND	ND	ND					-
05/16/2001	FMETL	ND	ND	ND	ND	ND					-
09/11/2001	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	ND	ND	ND	ND	ND					-
02/11/2002	FMETL	ND	ND	ND	ND	ND					V
06/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2002	FMETL	ND	1.24	ND	ND	ND					V,P
03/13/2003	FMETL	ND	9.40	ND	ND	ND	ND				V,P
05/21/2003	FMETL	ND	1.48	ND	ND	ND	ND				V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND	ND				V,P
11/04/2003	FMETL	ND	8.75	ND	ND	ND	3.10				V,P

SOURCE: 9

Sampling Dates:
04/08/1997 - 11/04/2003

NOTES:

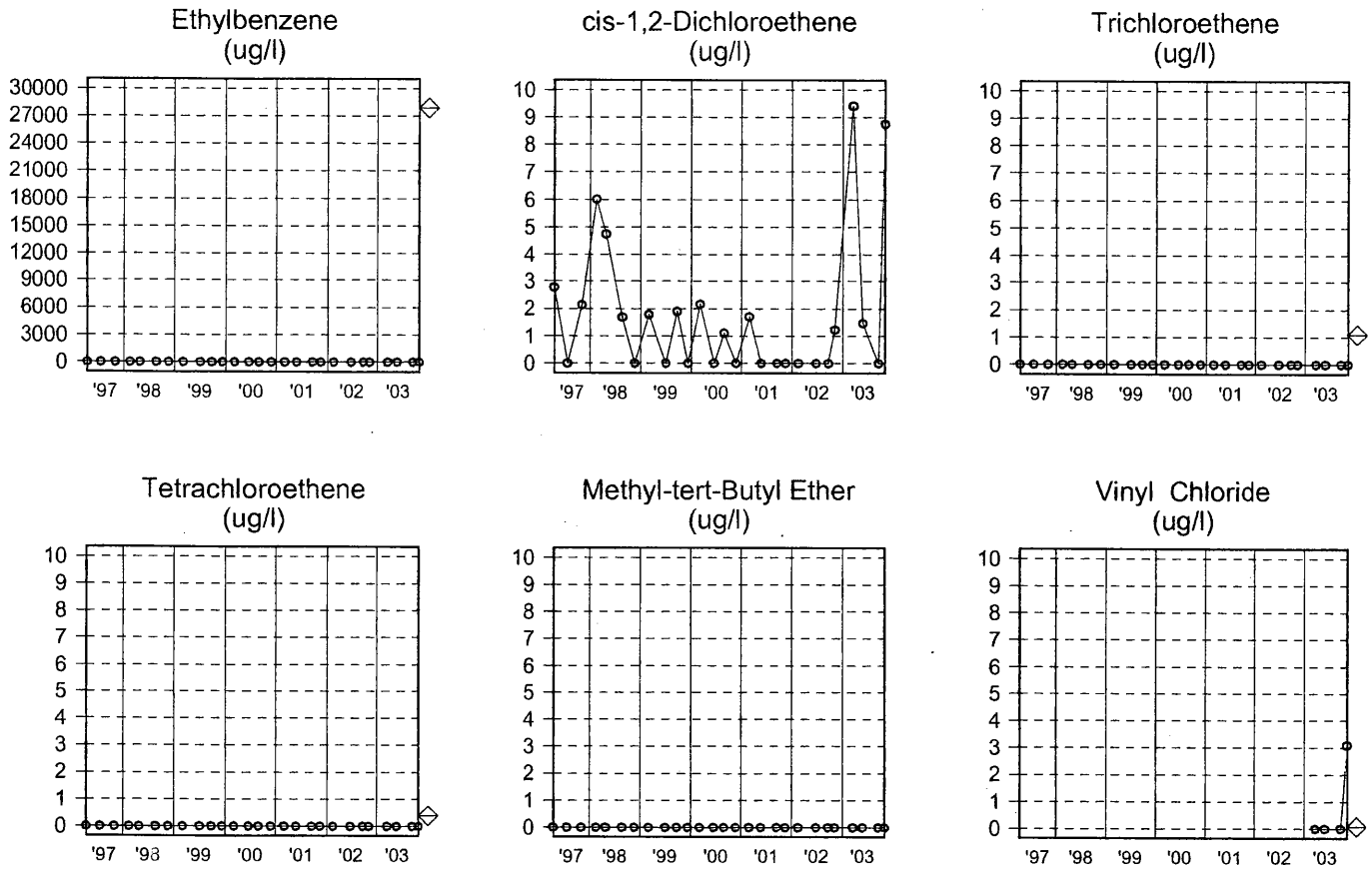
PAGE 1 OF 1
Stream 9 is Salt-Water.
MeCl limit is 1600 ug/L.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 5 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 9

Sampling Dates:
04/08/1997 - 11/04/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 5 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-01-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l				-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	0.083				-
04/08/1997	FMETL	ND	18.72	1.58	ND	ND					
07/17/1997	FMETL	ND	14.13	ND	ND	ND					
10/30/1997	FMETL	ND	18.23	ND	ND	ND					
02/10/1998	FMETL	ND	24.71	2.14	ND	ND					
04/21/1998	FMETL	ND	21.66	1.82	ND	ND					
08/19/1998	FMETL	ND	11.73	ND	ND	ND					
11/18/1998	FMETL	ND	8.82	ND	ND	ND					
02/25/1999	FMETL	ND	9.11	ND	ND	ND					
06/29/1999	FMETL	ND	5.77	ND	ND	ND					
09/21/1999	FMETL	ND	15.62	ND	ND	ND					
12/09/1999	FMETL	ND	11.90	ND	ND	ND					
03/01/2000	FMETL	ND	11.01	ND	ND	1.64					
06/12/2000	FMETL	ND	8.03	ND	ND	ND					
08/24/2000	FMETL	ND	9.08	ND	ND	ND					
08/24/2000D	FMETL	ND	8.70	ND	ND	ND					
11/20/2000	FMETL	ND	5.34	ND	ND	ND					-
02/21/2001	FMETL	ND	8.26	ND	ND	ND					-
05/16/2001	FMETL	ND	5.21	ND	ND	ND					-
09/25/2001	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	ND	1.93	ND	ND	ND					-
02/11/2002	FMETL	ND	1.05	ND	ND	ND					V
06/18/2002	FMETL	ND	3.08	ND	ND	ND					V,P
09/18/2002	FMETL	ND	4.17	ND	ND	ND					V,P
11/05/2002	FMETL	ND	7.48	ND	ND	ND	1.33				V,P
03/13/2003	FMETL	ND	24.28	0.67	ND	0.79	3.37				V,P
05/21/2003	FMETL	ND	14.79	ND	ND	ND	1.41				V,P
09/17/2003	FMETL	ND	7.79	ND	ND	ND	1.74				V,P
11/04/2003	FMETL	ND	8.75	ND	ND	ND	3.10				V,P

SOURCE: 11

Sampling Dates:
04/08/1997 - 11/04/2003

NOTES:

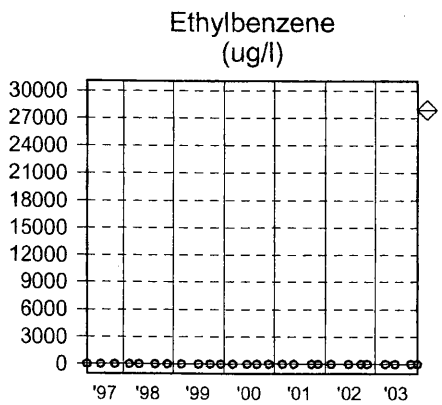
Page 1 of1
Stream 11 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09 ug/L.
MTBE limit is NLE.

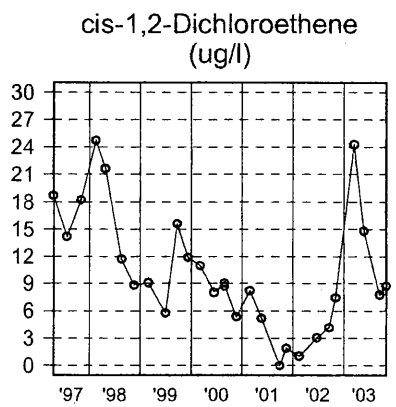
Fort Monmouth

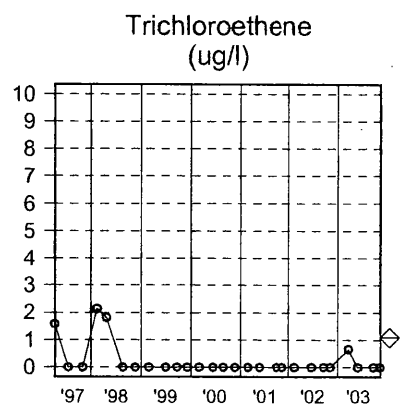
GW Monitoring
Streams

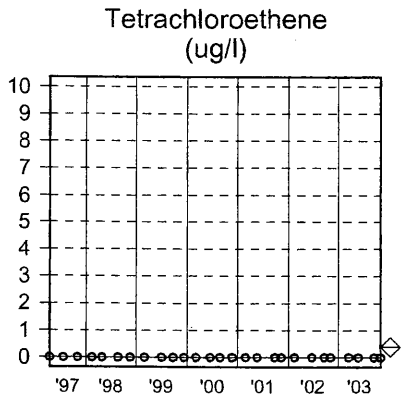
Source 6 of 23

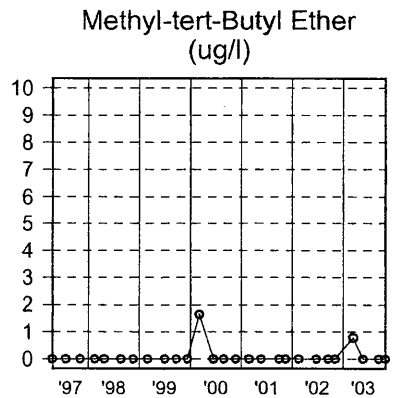
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

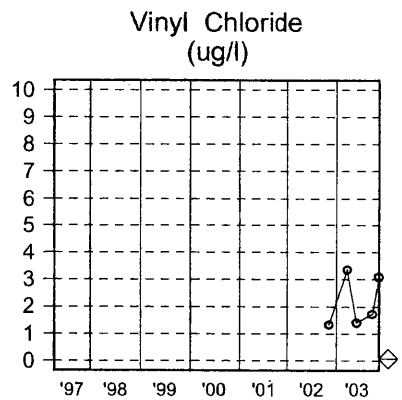












SOURCE: 11

Sampling Dates:
04/08/1997 - 11/04/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 6 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-01-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l				-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	0.083				-
04/08/1997	FMETL	ND	6.63	ND	ND	ND					
07/17/1997	FMETL	ND	ND	ND	ND	ND					
10/30/1997	FMETL	ND	5.67	ND	ND	ND					
02/10/1998	FMETL	ND	6.54	ND	ND	ND					
04/21/1998	FMETL	ND	ND	ND	ND	ND					
08/19/1998	FMETL	ND	4.58	ND	ND	ND					
11/18/1998	FMETL	ND	2.48	ND	ND	ND					
02/25/1999	FMETL	ND	1.80	ND	ND	ND					
06/29/1999	FMETL	ND	1.39	ND	ND	ND					
09/21/1999	FMETL	ND	3.67	ND	ND	ND					
12/09/1999	FMETL	ND	2.74	ND	ND	ND					
03/01/2000	FMETL	ND	3.13	ND	ND	ND					
06/12/2000	FMETL	ND	ND	ND	ND	ND					
08/24/2000	FMETL	ND	2.00	ND	ND	ND					
11/20/2000	FMETL	ND	1.87	ND	ND	ND					-
02/21/2001	FMETL	ND	1.89	ND	ND	ND					-
05/16/2001	FMETL	ND	1.66	ND	ND	ND					-
05/16/2001D	FMETL	ND	1.72	ND	ND	ND					-
09/11/2001	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	ND	ND	ND	ND	ND					-
02/11/2002	FMETL	ND	ND	ND	ND	ND					V
06/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/05/2002	FMETL	ND	5.16	ND	ND	ND	ND				V,P
03/13/2003	FMETL	ND	9.43	ND	ND	1.18	1.30				V,P
05/21/2003	FMETL	ND	3.90	ND	ND	ND	ND				V,P
09/17/2003	FMETL	ND	2.91	ND	ND	ND	ND				V,P
11/04/2003	FMETL	ND	5.34	ND	ND	ND	1.29				V,P

SOURCE: 12

Sampling Dates:
04/08/1997 - 11/04/2003

NOTES:

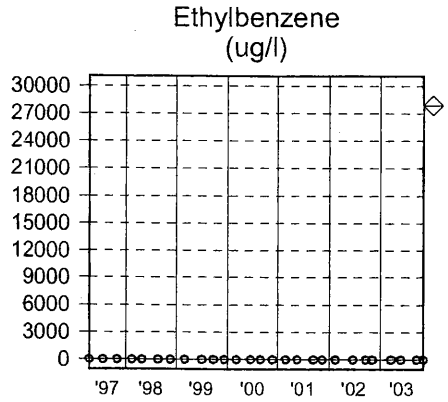
Page 1 of 1
Stream 12 is Fresh-Water.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.

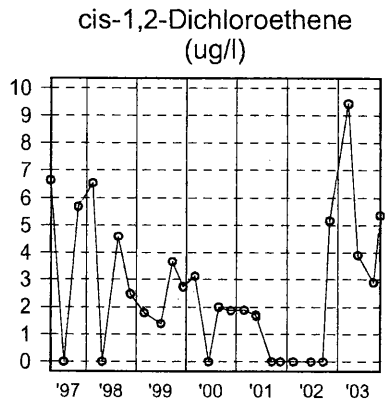
Fort Monmouth

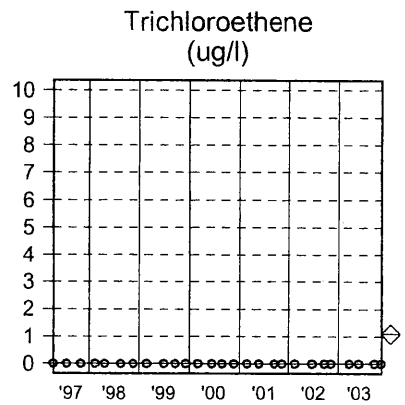
GW Monitoring
Streams

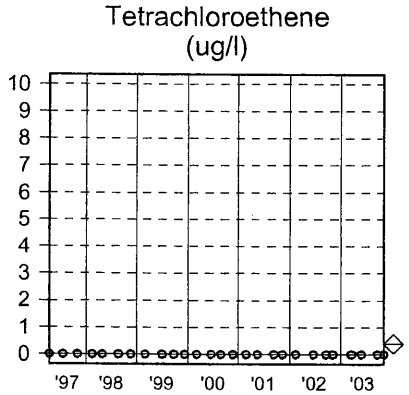
Source 7 of 23

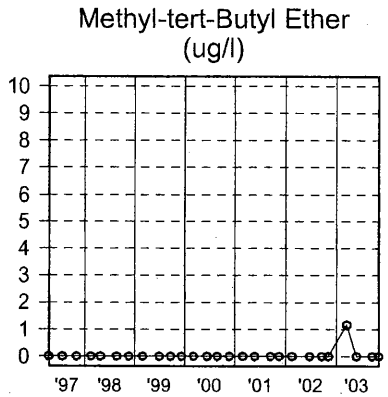
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

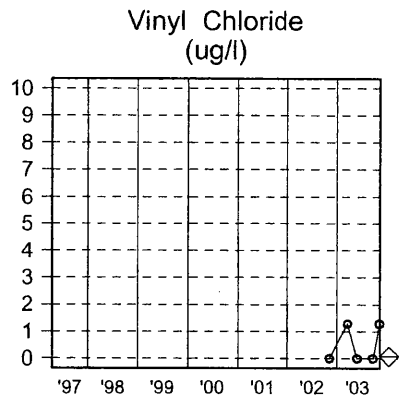












SOURCE: 12

Sampling Dates:
04/08/1997 - 11/04/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 7 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l				-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	0.083				-
04/08/1997	FMETL	ND	ND	ND	ND	ND					
07/17/1997	FMETL	ND	ND	ND	ND	ND					
10/30/1997	FMETL	ND	ND	ND	ND	ND					
02/10/1998	FMETL	ND	ND	ND	ND	ND					
04/21/1998	FMETL	ND	ND	ND	ND	ND					
08/19/1998	FMETL	ND	ND	ND	ND	ND					
11/18/1998	FMETL	ND	ND	ND	ND	ND					
02/25/1999	FMETL	ND	ND	ND	ND	ND					
06/29/1999	FMETL	ND	ND	ND	ND	ND					
09/22/1999	FMETL	ND	ND	ND	ND	ND					
12/09/1999	FMETL	ND	ND	ND	3.94	ND					
03/01/2000	FMETL	ND	1.35	1.40	6.92	2.40					
06/12/2000	FMETL	ND	ND	ND	5.56	ND					
08/24/2000	FMETL	ND	2.17	1.78	5.40	ND					
11/20/2000	FMETL	ND	ND	ND	6.58	ND					-
02/21/2001	FMETL	ND	ND	ND	ND	ND					-
05/16/2001	FMETL	ND	ND	ND	ND	ND					-
09/25/2001	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	ND	ND	ND	ND	ND					-
02/11/2002	FMETL	ND	ND	ND	ND	ND					V
06/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/05/2002	FMETL	ND	ND	ND	1.46	ND	ND				V,P
03/24/2003	FMETL	ND	ND	ND	ND	ND	ND				V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND	ND				V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND	ND				V,P
11/04/2003	FMETL	1.29	ND	ND	ND	907.66	ND				V,P

SOURCE: 13

Sampling Dates:
04/08/1997 - 11/04/2003

NOTES:

Page 1 of 1
Stream 13 is Fresh-Water.
MeCl limit is 2.49 ug/L.
cis-1,2-Di limit is NLE.
TCE limit is 1.09.
PCE limit is 0.388 ug/L.
Acetone limit is NLE.
MTBE limit is NLE.

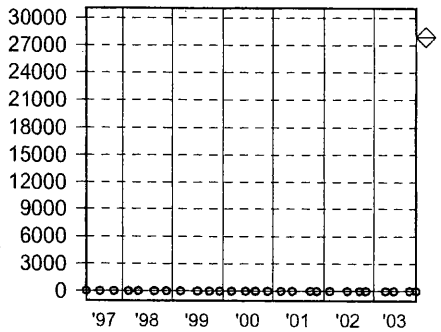
Fort Monmouth

GW Monitoring
Streams

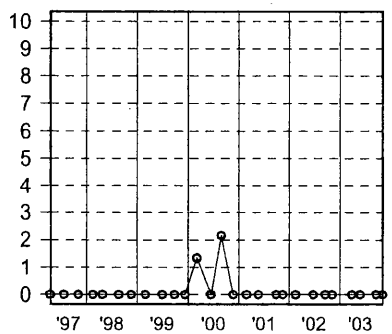
Source 8 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

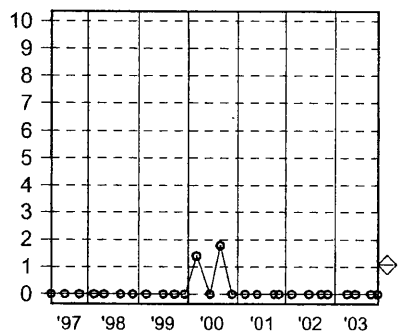
Ethylbenzene
(ug/l)



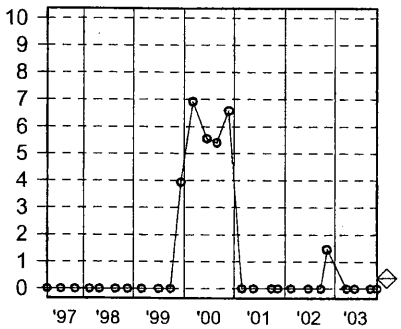
cis-1,2-Dichloroethene
(ug/l)



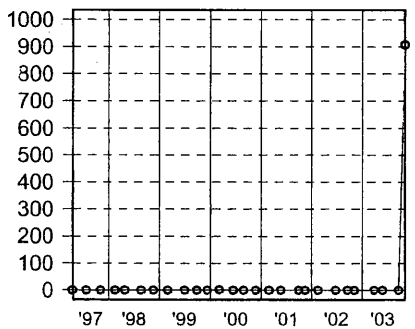
Trichloroethene
(ug/l)



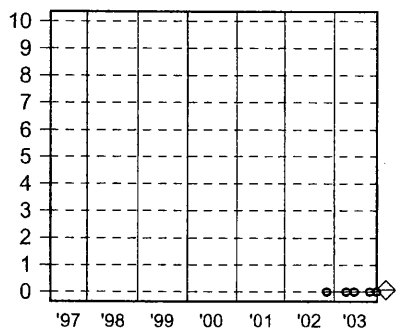
Tetrachloroethene
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Vinyl Chloride
(ug/l)



SOURCE: 13

Sampling Dates:
04/08/1997 - 11/04/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 8 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l				-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	0.083				-
04/08/1997	FMETL	ND	ND	ND	ND	ND					
07/17/1997	FMETL	ND	ND	ND	ND	ND					
10/30/1997	FMETL	ND	1.59	1.75	ND	ND					
02/10/1998	FMETL	ND	ND	ND	ND	ND					
04/21/1998	FMETL	ND	ND	ND	ND	ND					
08/19/1998	FMETL	ND	ND	ND	ND	ND					
11/18/1998	FMETL	ND	ND	ND	ND	ND					
02/25/1999	FMETL	ND	ND	ND	ND	ND					
06/29/1999	FMETL	ND	ND	ND	ND	ND					
09/22/1999	FMETL	ND	ND	ND	ND	ND					
12/09/1999	FMETL	ND	11.26	ND	ND	ND					
03/01/2000	FMETL	ND	ND	ND	ND	ND					
06/12/2000	FMETL	ND	ND	ND	ND	ND					
08/24/2000	FMETL	ND	ND	ND	ND	ND					
11/20/2000	FMETL	ND	ND	ND	ND	ND					-
03/08/2001	FMETL	ND	ND	ND	ND	ND					-
03/08/2001D	FMETL	ND	ND	ND	ND	ND					-
05/16/2001	FMETL	ND	ND	ND	ND	ND					-
09/25/2001	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	ND	ND	ND	ND	ND					-
02/11/2002	FMETL	ND	ND	ND	ND	ND					V
06/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/05/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P
03/24/2003	FMETL	ND	ND	ND	ND	ND	ND				V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND	ND				V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND	ND				V,P
11/04/2003	FMETL	ND	ND	ND	ND	ND	ND				V,P

SOURCE: 14

Sampling Dates:
04/08/1997 - 11/04/2003

NOTES:

Page 1 of 1
Stream 14 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09.
Acetone limit is NLE.

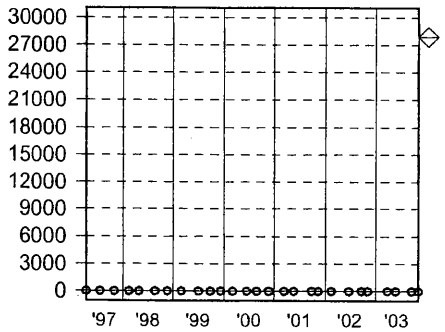
Fort Monmouth

GW Monitoring
Streams

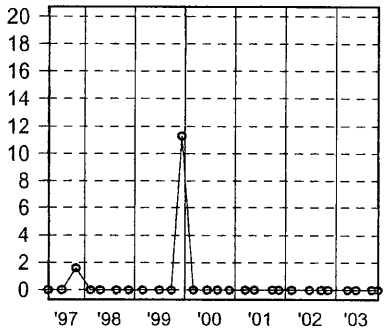
Source 9 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

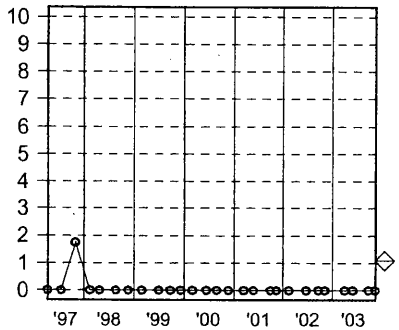
Ethylbenzene
(ug/l)



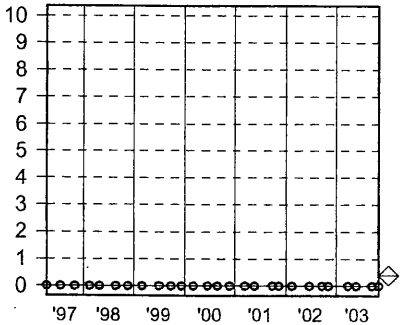
cis-1,2-Dichloroethene
(ug/l)



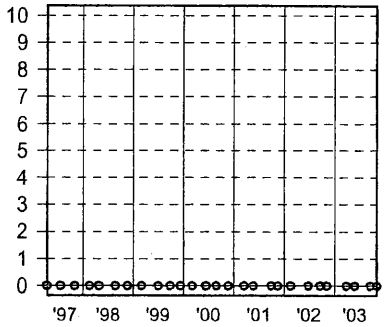
Trichloroethene
(ug/l)



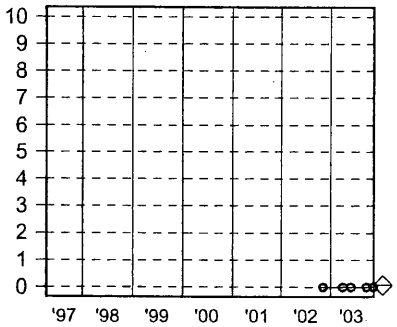
Tetrachloroethene
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Vinyl Chloride
(ug/l)



SOURCE: 14

Sampling Dates:
04/08/1997 - 11/04/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 9 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l				-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	0.083				-
04/08/1997	FMETL	ND	2.69	1.60	6.00	ND					
07/17/1997	FMETL	ND	5.53	2.50	7.12	ND					
10/30/1997	FMETL	ND	2.57	ND	2.72	ND					
02/10/1998	FMETL	ND	ND	1.03	6.90	ND					
04/21/1998	FMETL	ND	1.22	1.21	5.72	ND					
08/19/1998	FMETL	ND	3.89	2.06	5.39	ND					
11/18/1998	FMETL	ND	ND	ND	ND	ND					
02/25/1999	FMETL	ND	ND	ND	7.33	ND					
06/29/1999	FMETL	ND	4.17	2.40	7.86	ND					
09/21/1999	FMETL	ND	3.59	1.37	2.61	ND					
12/09/1999	FMETL	ND	ND	ND	4.08	ND					
03/01/2000	FMETL	ND	1.39	1.39	6.95	2.38					
06/12/2000	FMETL	ND	ND	ND	5.94	ND					
08/24/2000	FMETL	ND	2.02	1.09	5.20	ND					
11/20/2000	FMETL	ND	ND	ND	6.29	ND					-
02/21/2001	FMETL	ND	ND	ND	7.19	ND					-
05/16/2001	FMETL	ND	1.50	ND	6.64	ND					-
09/25/2001	FMETL	ND	ND	ND	ND	ND					-
09/25/2001D	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	ND	3.09	ND	3.49	ND					-
02/11/2002	FMETL	ND	ND	ND	2.65	ND					V
06/18/2002	FMETL	ND	1.63	ND	2.67	ND					V,P
09/18/2002	FMETL	ND	2.39	ND	2.55	ND					V,P
11/05/2002	FMETL	ND	ND	ND	1.52	ND	ND				V,P
03/24/2003	FMETL	ND	1.44	1.11	3.96	ND	ND				V,P
05/21/2003	FMETL	ND	1.89	ND	3.84	ND	ND				V,P
09/17/2003	FMETL	ND	1.64	ND	1.60	ND	ND				V,P
11/04/2003	FMETL	0.69	1.71	0.53	1.49	535.08	ND				V,P

SOURCE: 15

Sampling Dates:
04/08/1997 - 11/04/2003

NOTES:

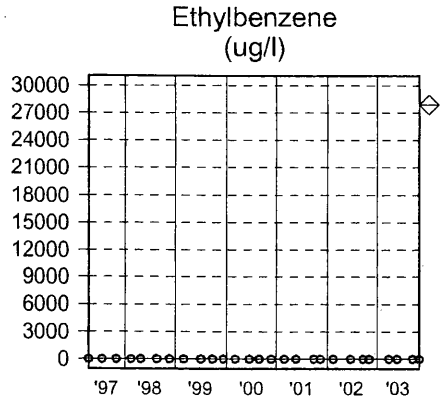
Page 1 of 1
Stream 15 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09 ug/L.
PCE limit is 0.388 ug/L.
MTBE limit is NLE.

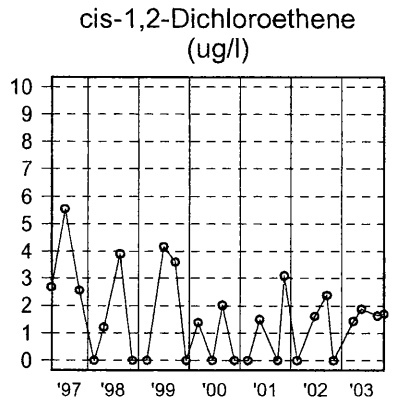
Fort Monmouth

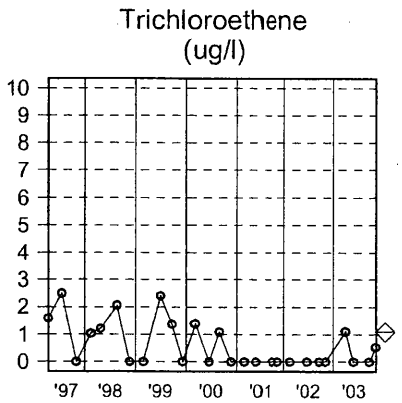
GW Monitoring
Streams

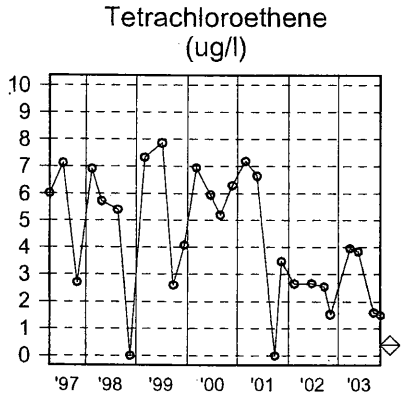
Source 10 of 23

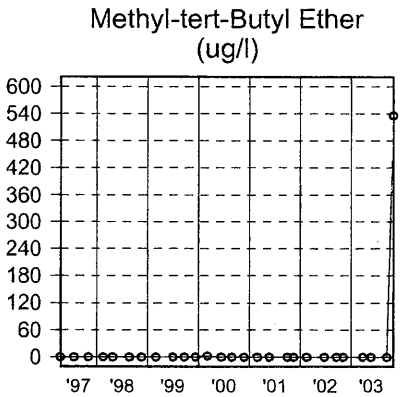
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

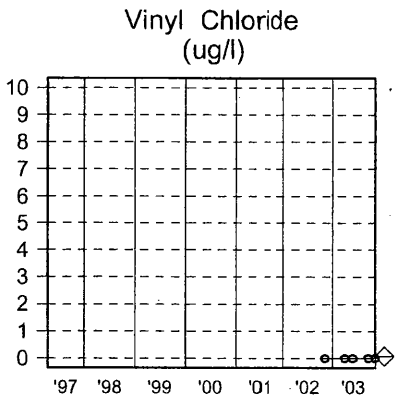












SOURCE: 15

Sampling Dates:
04/08/1997 - 11/04/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 10 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-01-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l				-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	0.083				-
04/08/1997	FMETL	ND	2.05	1.26	4.47	ND					
07/17/1997	FMETL	ND	2.55	ND	4.72	ND					
10/30/1997	FMETL	ND	1.76	ND	1.86	ND					
02/10/1998	FMETL	ND	ND	ND	6.23	ND					
04/21/1998	FMETL	ND	ND	ND	4.58	ND					
08/19/1998	FMETL	ND	2.94	1.63	4.33	ND					
11/18/1998	FMETL	ND	ND	ND	1.48	ND					
02/25/1999	FMETL	ND	ND	ND	6.06	ND					
06/29/1999	FMETL	ND	3.56	2.25	7.70	ND					
09/22/1999	FMETL	ND	2.74	ND	2.63	ND					
12/09/1999	FMETL	ND	1.79	ND	4.13	ND					
03/01/2000	FMETL	ND	1.28	1.27	6.47	2.33					
06/12/2000	FMETL	ND	ND	ND	3.74	ND					
08/24/2000	FMETL	ND	1.68	1.28	4.47	ND					
11/20/2000	FMETL	ND	ND	ND	4.49	ND					-
02/21/2001	FMETL	ND	ND	ND	6.25	ND					-
05/16/2001	FMETL	ND	1.23	ND	4.91	ND					-
09/25/2001	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	ND	1.41	ND	2.00	ND					-
02/11/2002	FMETL	ND	ND	ND	2.47	ND					V
06/18/2002	FMETL	ND	1.35	ND	2.46	ND					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/05/2002	FMETL	ND	ND	ND	1.49	ND	ND				V,P
03/13/2003	FMETL	ND	0.90	0.74	3.21	ND	ND				V,P
05/21/2003	FMETL	ND	1.85	ND	3.68	ND	ND				V,P
09/17/2003	FMETL	ND	1.79	ND	1.70	ND	ND				V,P
11/04/2003	FMETL	ND	1.31	ND	ND	497.62	ND				V,P

SOURCE: 16

Sampling Dates:
04/08/1997 - 11/04/2003

NOTES:

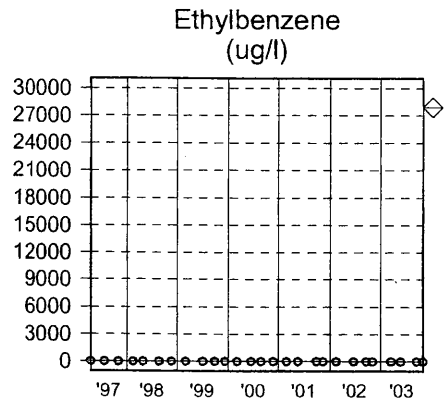
Page 1 of 1
Stream 16 is Salt-Water.
cis-1,2-di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.

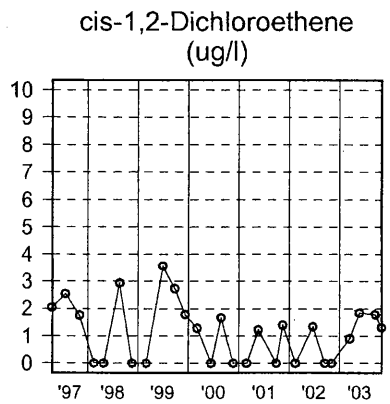
Fort Monmouth

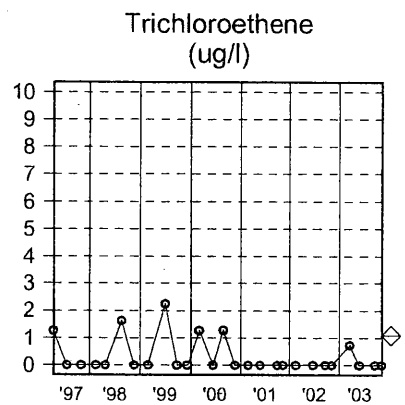
GW Monitoring
Streams

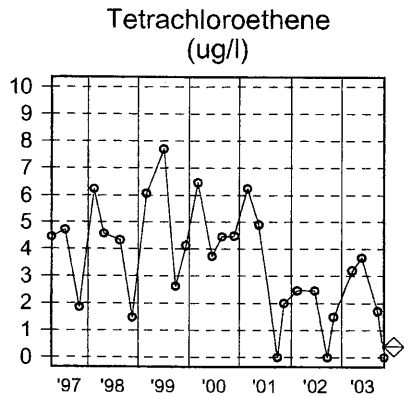
Source 11 of 23

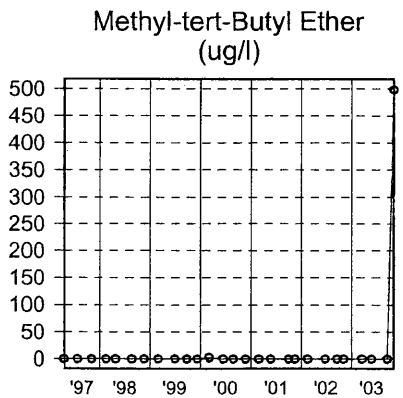
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

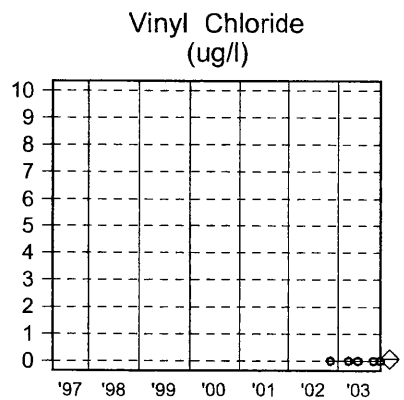












SOURCE: 16

Sampling Dates:
04/08/1997 - 11/04/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 11 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-01-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l				-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	0.083				-
04/08/1997	FMETL	ND	ND	ND	ND	ND					
07/17/1997	FMETL	ND	ND	ND	ND	ND					
10/30/1997	FMETL	ND	ND	ND	ND	ND					
02/10/1998	FMETL	ND	ND	ND	ND	ND					
04/21/1998	FMETL	ND	ND	ND	ND	ND					
08/19/1998	FMETL	ND	ND	ND	ND	ND					
11/18/1998	FMETL	ND	4.43	2.12	5.09	ND					
02/25/1999	FMETL	ND	ND	ND	ND	ND					
06/29/1999	FMETL	ND	ND	ND	ND	ND					
09/22/1999	FMETL	ND	1.09	ND	ND	ND					
12/09/1999	FMETL	ND	ND	ND	ND	ND					
03/01/2000	FMETL	ND	ND	ND	ND	ND					
06/12/2000	FMETL	ND	ND	ND	ND	ND					
08/24/2000	FMETL	ND	ND	ND	ND	ND					
11/20/2000	FMETL	ND	ND	ND	ND	ND					-
03/08/2001	FMETL	ND	ND	ND	ND	ND					-
05/16/2001	FMETL	ND	ND	ND	ND	ND					-
09/25/2001	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	ND	ND	ND	ND	ND					-
02/11/2002	FMETL	ND	ND	ND	ND	ND					V
06/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P
03/24/2003	FMETL	ND	ND	ND	ND	ND	ND				V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND	ND				V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND	ND				V,P
11/04/2003	FMETL	ND	ND	ND	ND	3.58	ND				V,P

SOURCE: 17

Sampling Dates:
04/08/1997 - 11/04/2003

NOTES:

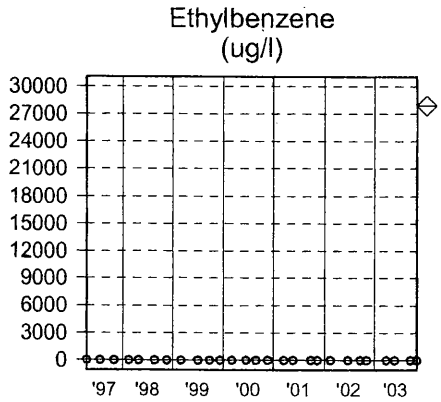
Page 1 of 1
stream 17 is Salt-Water.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
Acetone limit is NLE.
Chlorobenzene limit is 21000 ug/L.

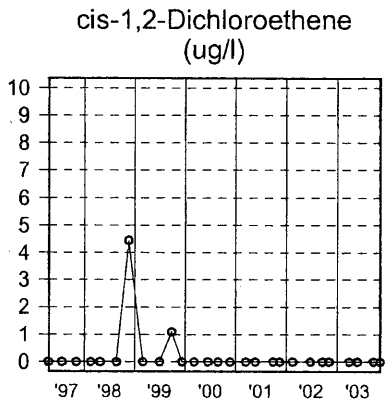
Fort Monmouth

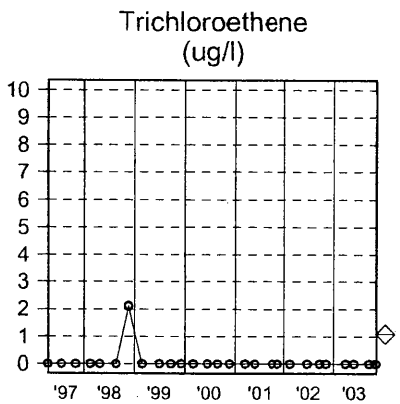
GW Monitoring
Streams

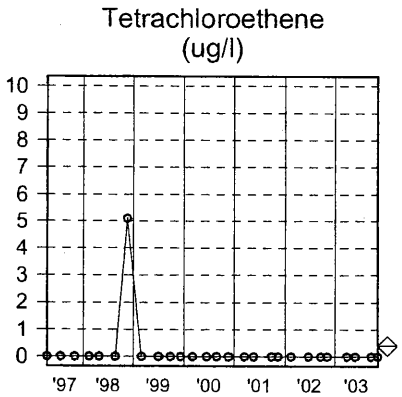
Source 12 of 23

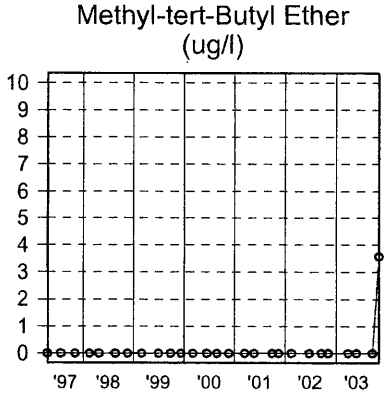
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

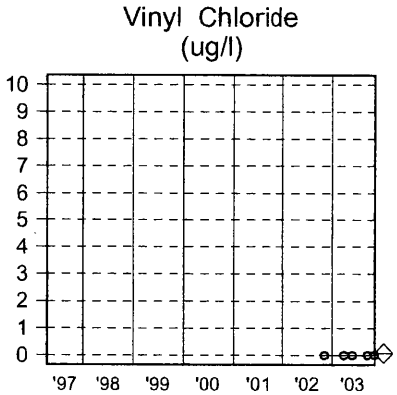












SOURCE: 17

Sampling Dates:
04/08/1997 - 11/04/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 12 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-01-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l				-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	0.083				-
04/08/1997	FMETL	ND	ND	ND	ND	ND					
07/17/1997	FMETL	ND	1.06	ND	ND	ND					
10/30/1997	FMETL	ND	5.87	ND	ND	ND					
02/10/1998	FMETL	ND	14.36	ND	ND	ND					
04/21/1998	FMETL	ND	ND	ND	ND	ND					
08/19/1998	FMETL	ND	4.65	ND	ND	ND					
11/18/1998	FMETL	ND	3.18	ND	ND	ND					
02/25/1999	FMETL	ND	3.95	ND	ND	ND					
06/29/1999	FMETL	ND	1.47	ND	ND	ND					
09/21/1999	FMETL	ND	4.67	ND	ND	ND					
12/09/1999	FMETL	ND	4.90	ND	ND	ND					
03/01/2000	FMETL	ND	5.57	ND	ND	ND					
06/12/2000	FMETL	ND	ND	ND	ND	ND					
08/24/2000	FMETL	ND	2.46	ND	ND	ND					
11/20/2000	FMETL	ND	1.80	ND	ND	ND					-
02/21/2001	FMETL	ND	4.10	ND	ND	ND					-
05/16/2001	FMETL	ND	1.45	ND	ND	ND					-
09/11/2001	FMETL	ND	ND	ND	ND	ND					-
09/11/2001D	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	ND	ND	ND	ND	ND					-
02/11/2002	FMETL	ND	ND	ND	ND	ND					V
06/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/05/2002	FMETL	ND	5.14	ND	ND	ND	ND				V,P
03/13/2003	FMETL	ND	17.75	0.52	ND	0.67	2.33				V,P
05/21/2003	FMETL	ND	3.92	ND	ND	ND	ND				V,P
09/17/2003	FMETL	ND	2.89	ND	ND	ND	ND				V,P
11/04/2003	FMETL	ND	5.41	ND	ND	ND	1.29				V,P

SOURCE: 18

Sampling Dates:
04/08/1997 - 11/04/2003

NOTES:

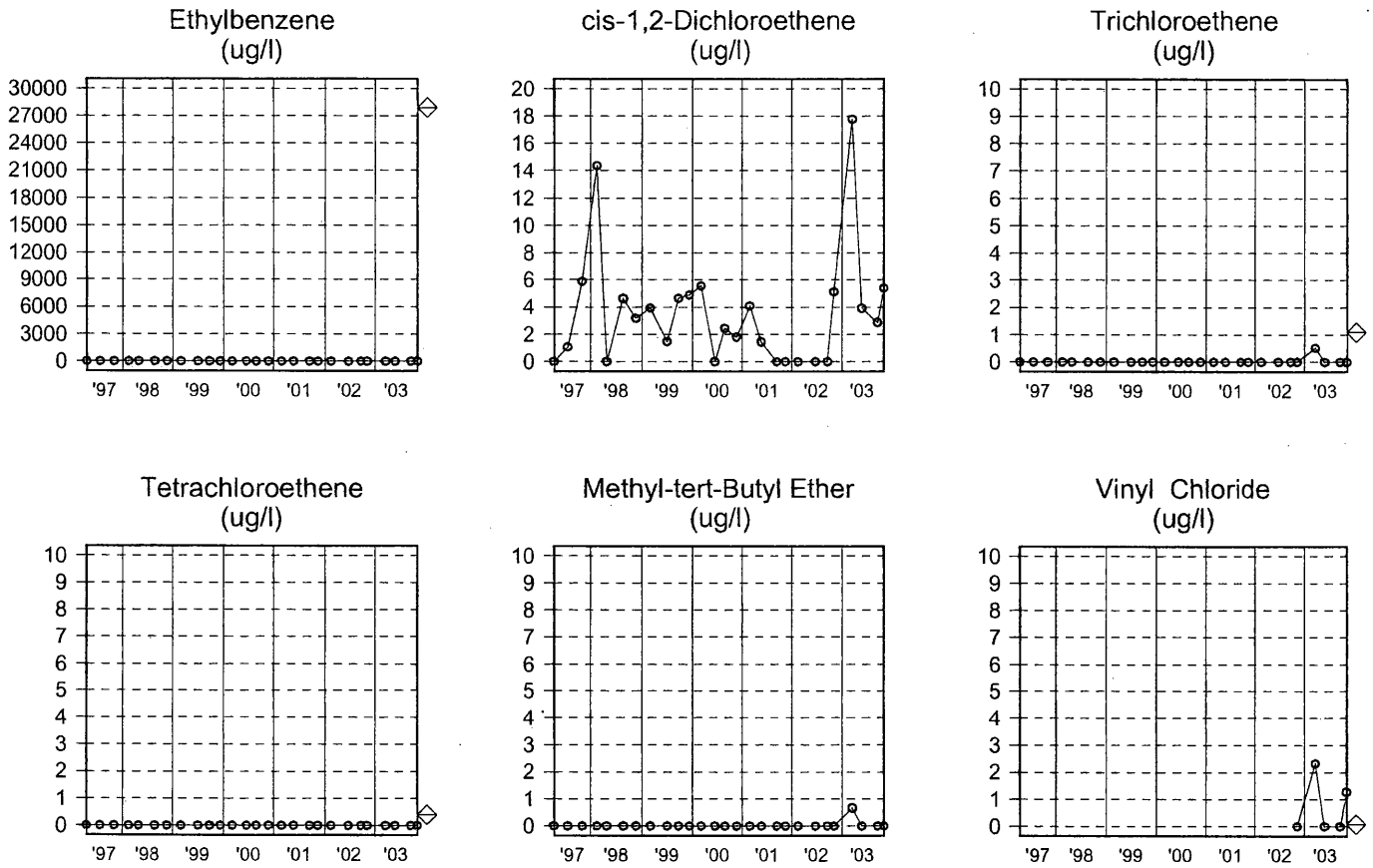
Page 1 of 1
Stream 18 is Fresh-Water.
cis-1,2-Di limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 13 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 18

Sampling Dates:
04/08/1997 - 11/04/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 13 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-01-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l				-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	0.083				-
04/08/1997	FMETL	ND	6.44	ND	ND	ND					
07/17/1997	FMETL	ND	ND	ND	ND	ND					
10/30/1997	FMETL	ND	4.69	ND	ND	ND					
02/10/1998	FMETL	ND	8.22	ND	ND	ND					
04/21/1998	FMETL	ND	6.86	ND	ND	ND					
08/19/1998	FMETL	ND	2.95	ND	ND	ND					
11/17/1998	FMETL	ND	2.3	ND	ND	ND					
02/25/1999	FMETL	ND	2.30	ND	ND	ND					
06/29/1999	FMETL	ND	ND	ND	ND	ND					
09/21/1999	FMETL	ND	3.53	ND	ND	ND					
12/09/1999	FMETL	ND	2.60	ND	ND	ND					
03/01/2000	FMETL	ND	2.92	ND	ND	ND					
06/12/2000	FMETL	ND	ND	ND	ND	ND					
08/24/2000	FMETL	ND	2.07	ND	ND	ND					
11/20/2000	FMETL	ND	ND	ND	ND	ND					-
02/21/2001	FMETL	ND	2.99	ND	ND	ND					-
02/21/2001D	FMETL	ND	3.87	ND	ND	ND					-
05/16/2001	FMETL	ND	1.57	ND	ND	ND					-
09/11/2001	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	ND	ND	ND	ND	ND					-
02/11/2002	FMETL	ND	ND	ND	ND	ND					V
06/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2002	FMETL	ND	2.69	ND	ND	ND	ND				V,P
03/13/2003	FMETL	ND	13.43	0.44	ND	ND	1.61				V,P
05/21/2003	FMETL	ND	3.07	ND	ND	ND	ND				V,P
09/17/2003	FMETL	ND	1.72	ND	ND	ND	ND				V,P
11/04/2003	FMETL	ND	4.00	ND	ND	ND	ND				V,P

SOURCE: 19

Sampling Dates:
04/08/1997 - 11/04/2003

NOTES:

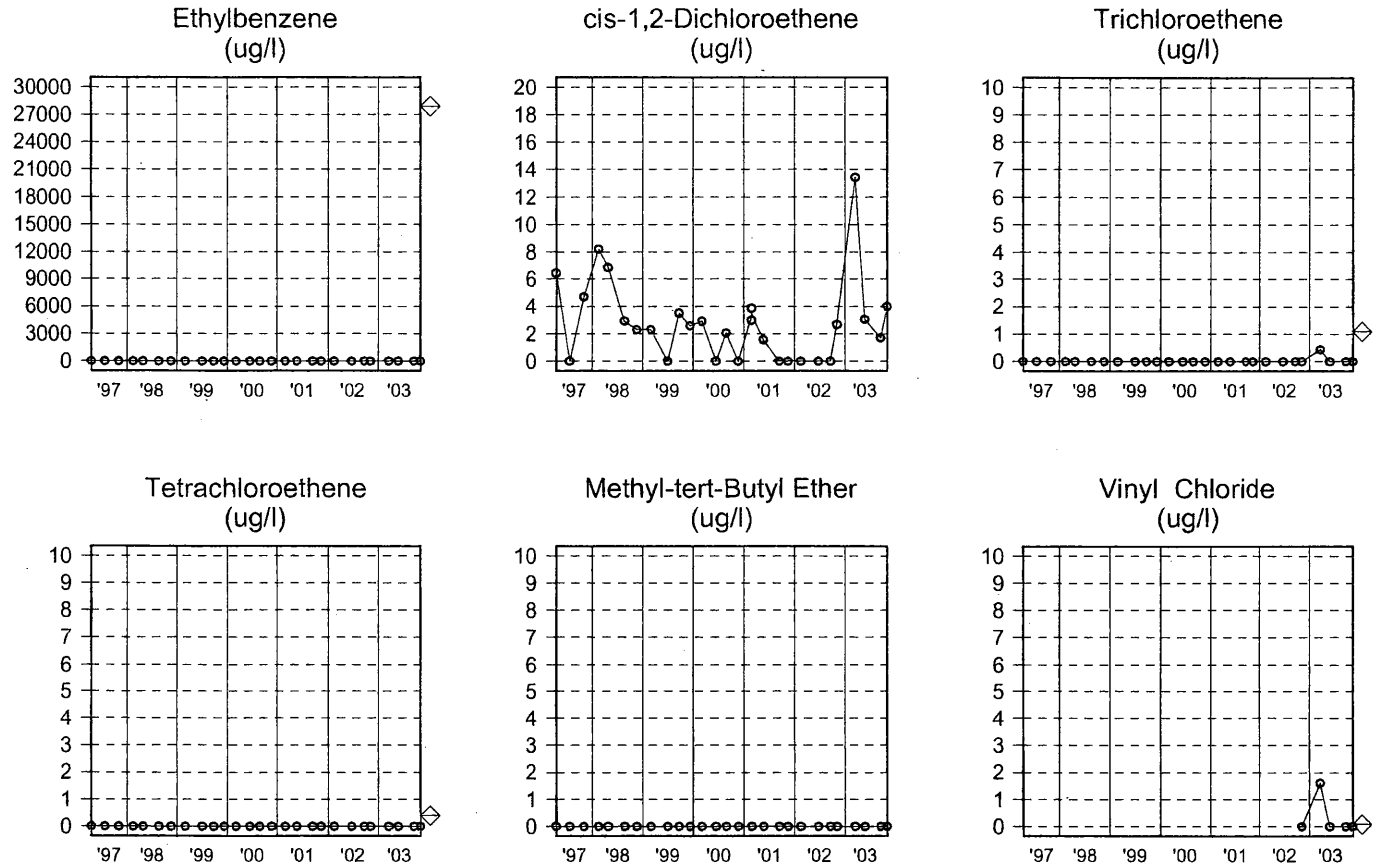
Page 1 of 1
Stream 19 is Salt-Water.
cis-1,2-Di limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 14 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 19

Sampling Dates:
04/08/1997 - 11/04/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 14 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-01-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l				-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	0.083				-
04/08/1997	FMETL	2.18	ND	ND	ND	ND					
07/17/1997	FMETL	ND	ND	ND	ND	2.63					
10/30/1997	FMETL	ND	ND	ND	ND	ND					
02/10/1998	FMETL	ND	ND	ND	ND	ND					
04/21/1998	FMETL	ND	ND	ND	ND	ND					
08/19/1998	FMETL	ND	ND	ND	ND	4.85					
11/17/1998	FMETL	ND	ND	ND	ND	ND					
02/25/1999	FMETL	ND	ND	ND	ND	ND					
06/29/1999	FMETL	ND	ND	ND	ND	5.70					
09/21/1999	FMETL	ND	ND	ND	ND	2.10					
12/09/1999	FMETL	ND	ND	ND	ND	ND					
03/01/2000	FMETL	ND	ND	ND	ND	ND					
06/12/2000	FMETL	ND	ND	ND	ND	6.38					
08/24/2000	FMETL	ND	ND	ND	ND	2.58					
11/20/2000	FMETL	ND	ND	ND	ND	ND					-
02/21/2001	FMETL	ND	ND	ND	ND	ND					-
05/16/2001	FMETL	ND	ND	ND	ND	ND					-
09/25/2001	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	ND	ND	ND	ND	ND					-
02/11/2002	FMETL	ND	ND	ND	ND	ND					V
06/18/2002	FMETL	ND	ND	ND	ND	1.26					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P
03/13/2003	FMETL	ND	ND	ND	0.64	ND	ND				V,P
05/21/2003	FMETL	ND	ND	ND	ND	1.37	ND				V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND	ND				V,P
11/04/2003	FMETL	ND	ND	ND	ND	21.91	ND				V,P

SOURCE: 20

Sampling Dates:
04/08/1997 - 11/04/2003

NOTES:

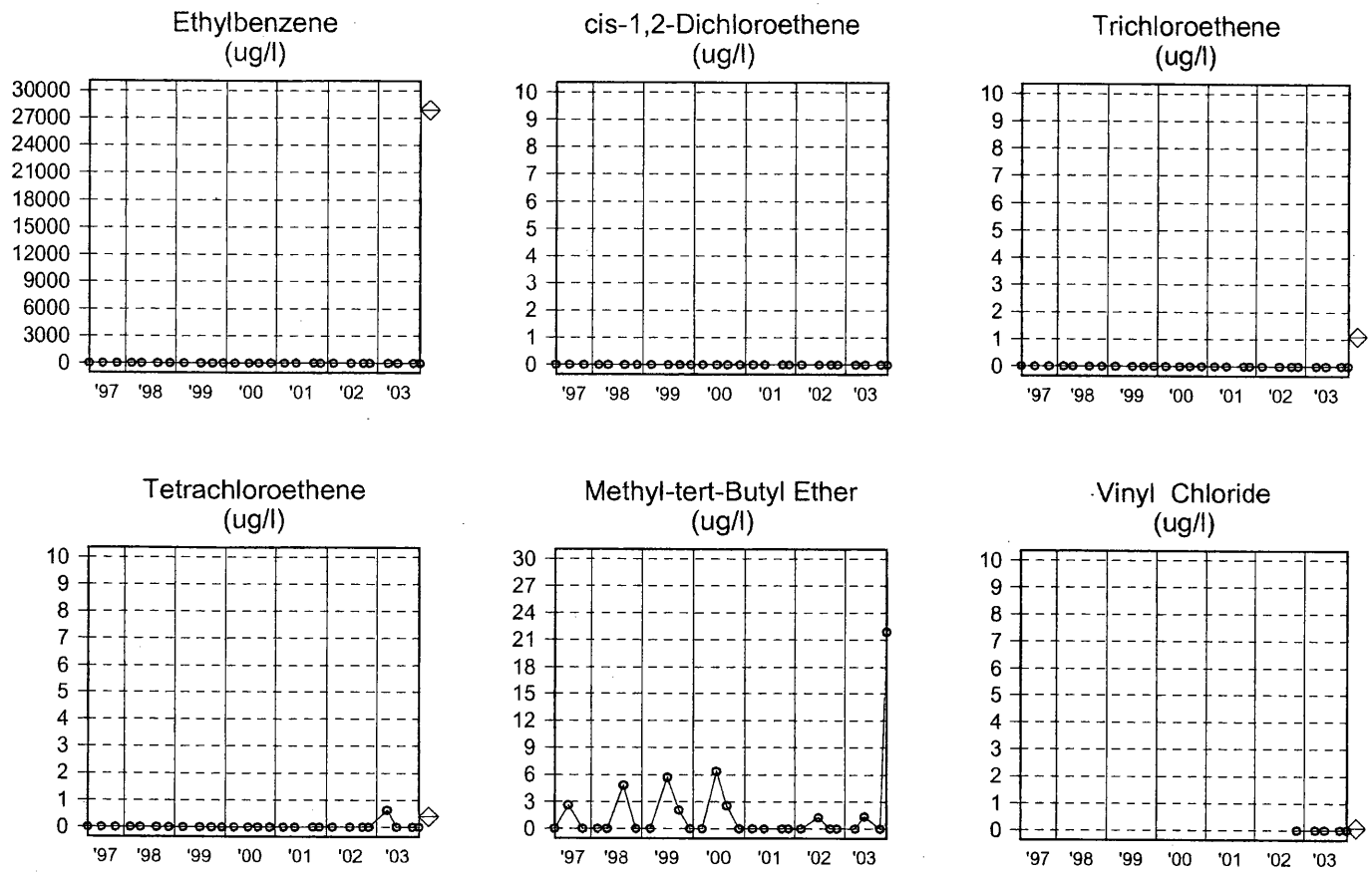
Page 1 of 1
Stream20 is Salt-Water.
Ethylben limit is 27900 ug/L.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 15 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 20

Sampling Dates:
04/08/1997 - 11/04/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 15 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-01-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l				-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	0.083				-
04/08/1997	FMETL	ND	ND	ND	ND	ND					
07/17/1997	FMETL	ND	ND	ND	ND	2.90					
10/30/1997	FMETL	ND	ND	ND	ND	ND					
02/10/1998	FMETL	ND	ND	ND	ND	ND					
04/21/1998	FMETL	ND	ND	ND	ND	ND					
08/19/1998	FMETL	ND	ND	ND	ND	4.71					
11/17/1998	FMETL	ND	ND	ND	ND	ND					
02/25/1999	FMETL	ND	ND	ND	ND	ND					
06/29/1999	FMETL	ND	ND	ND	ND	7.40					
09/21/1999	FMETL	ND	1.17	ND	ND	2.24					
12/09/1999	FMETL	ND	ND	ND	ND	ND					
03/01/2000	FMETL	ND	ND	ND	ND	ND					
06/12/2000	FMETL	ND	ND	ND	ND	ND					
08/24/2000	FMETL	ND	ND	ND	ND	2.67					
11/20/2000	FMETL	ND	ND	ND	ND	ND					-
02/21/2001	FMETL	ND	ND	ND	ND	ND					-
05/16/2001	FMETL	ND	ND	ND	ND	ND					-
09/11/2001	FMETL	ND	ND	ND	ND	1.76					-
11/14/2001	FMETL	ND	ND	ND	ND	ND					-
02/11/2002	FMETL	ND	ND	ND	ND	ND					V
06/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P
03/13/2003	FMETL	ND	ND	ND	0.63	ND	ND				V,P
05/21/2003	FMETL	ND	ND	ND	ND	1.34	ND				V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND	ND				V,P
11/04/2003	FMETL	ND	ND	ND	ND	22.28	ND				V,P

SOURCE: 21

Sampling Dates:
04/08/1997 - 11/04/2003

NOTES:

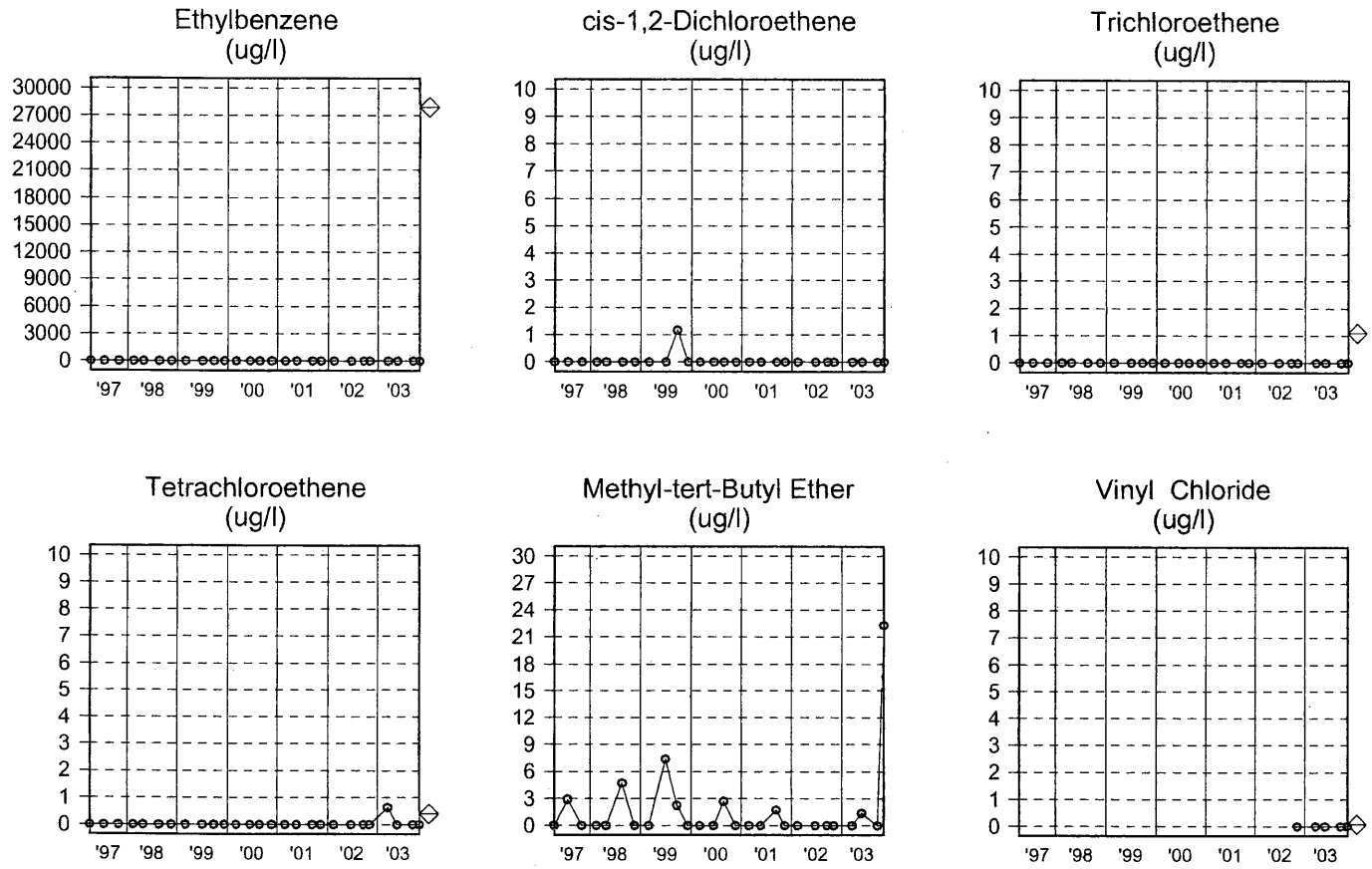
Page 1 of 1
Sream 21 is Salt-Water.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 16 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 21

Sampling Dates:
04/08/1997 - 11/04/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 16 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-01-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l				-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	0.083				-
04/08/1997	FMETL	ND	ND	ND	ND	ND					
07/17/1997	FMETL	ND	ND	ND	ND	4.26					
10/30/1997	FMETL	ND	ND	ND	ND	ND					
02/10/1998	FMETL	ND	ND	ND	ND	ND					
04/21/1998	FMETL	ND	ND	ND	ND	ND					
08/19/1998	FMETL	ND	ND	ND	ND	4.50					
11/17/1998	FMETL	ND	ND	ND	ND	ND					
02/25/1999	FMETL	ND	ND	ND	ND	ND					
06/29/1999	FMETL	ND	ND	ND	ND	8.30					
09/21/1999	FMETL	ND	ND	ND	ND	0.82					
12/09/1999	FMETL	ND	ND	ND	ND	ND					
03/01/2000	FMETL	ND	ND	ND	ND	ND					
06/12/2000	FMETL	ND	ND	ND	ND	10.26					
06/12/2000D	FMETL	ND	ND	ND	ND	10.66					
08/24/2000	FMETL	ND	ND	ND	ND	ND					
11/20/2000	FMETL	ND	ND	ND	ND	ND					-
02/21/2001	FMETL	ND	ND	ND	ND	ND					-
05/16/2001	FMETL	ND	ND	ND	ND	ND					V
09/11/2001	FMETL	ND	ND	ND	ND	3.53					-
11/14/2001	FMETL	ND	ND	ND	ND	ND					-
02/11/2002	FMETL	ND	ND	ND	ND	ND					V
06/18/2002	FMETL	ND	ND	ND	ND	2.12					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P
03/13/2003	FMETL	ND	1.57	ND	ND	ND	ND				V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND	ND				V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND	ND				V,P
11/04/2003	FMETL	ND	ND	ND	ND	5.33	ND				V,P

SOURCE: 22

Sampling Dates:
04/08/1997 - 11/04/2003

NOTES:

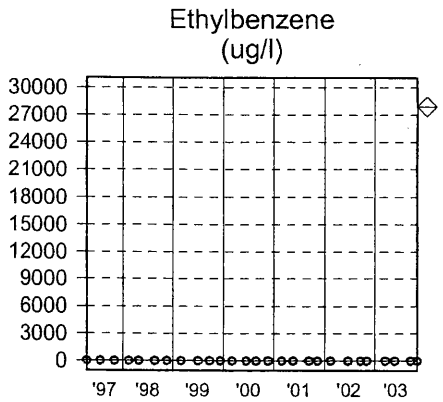
Page 1 of 1
Stream 22 is Salt-Water.
Acetone limit is NLE.
MTBE limit is NLE.

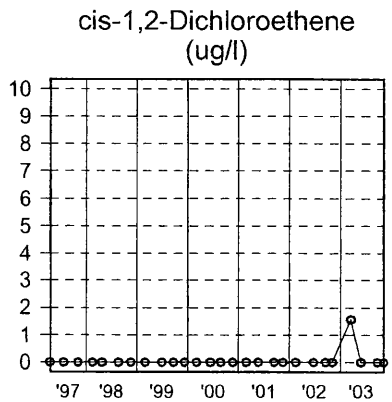
Fort Monmouth

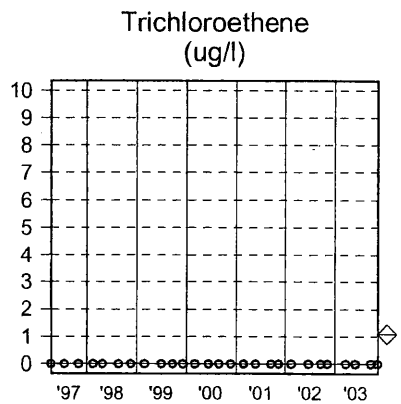
GW Monitoring
Streams

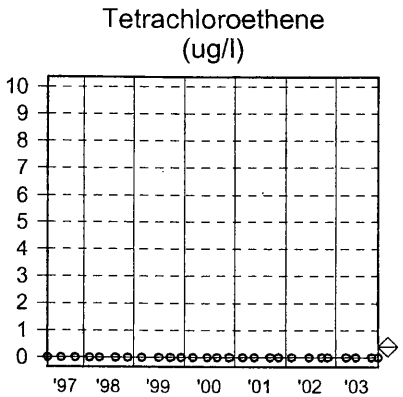
Source 17 of 23

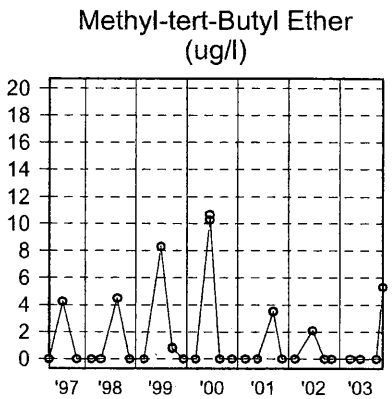
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

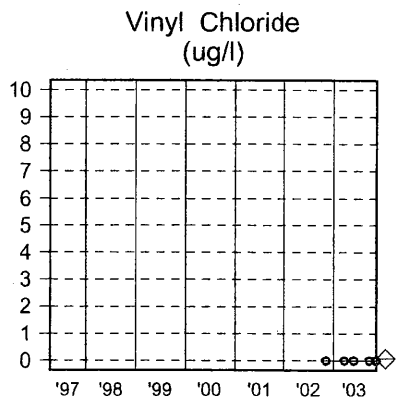












SOURCE: 22

Sampling Dates:
04/08/1997 - 11/04/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 17 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-01-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l				-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	0.083				-
06/12/2000	FMETL	ND	ND	ND	5.60	ND					
08/24/2000	FMETL	ND	2.24	1.82	5.18	ND					
11/20/2000	FMETL	ND	ND	ND	6.29	ND					-
03/08/2001	FMETL	ND	ND	ND	4.78	ND					-
05/16/2001	FMETL	ND	1.73	ND	6.41	ND					-
09/25/2001	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	ND	3.23	ND	3.64	ND					-
02/11/2002	FMETL	ND	ND	ND	2.85	ND					V
06/18/2002	FMETL	ND	1.58	ND	2.88	ND					V,P
09/18/2002	FMETL	ND	2.49	ND	ND	ND					V,P
11/05/2002	FMETL	ND	ND	ND	1.44	ND	ND				V,P
03/24/2003	FMETL	ND	1.41	1.05	4.01	ND	ND				V,P
05/21/2003	FMETL	ND	2.03	ND	4.06	ND	ND				V,P
09/17/2003	FMETL	ND	1.91	ND	1.77	ND	ND				V,P
11/04/2003	FMETL	ND	1.29	ND	ND	680.5	ND				V,P

SOURCE: 23

Sampling Dates:
06/12/2000 - 11/04/2003

NOTES:

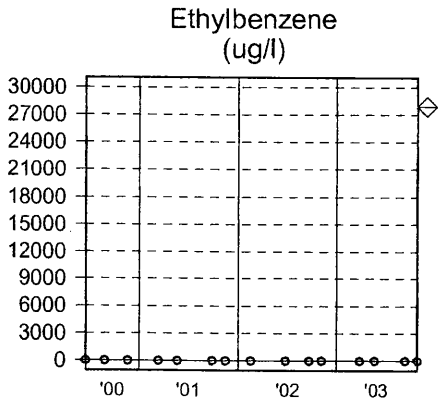
Page 1 of 1
Stream 23 is Fresh-Water

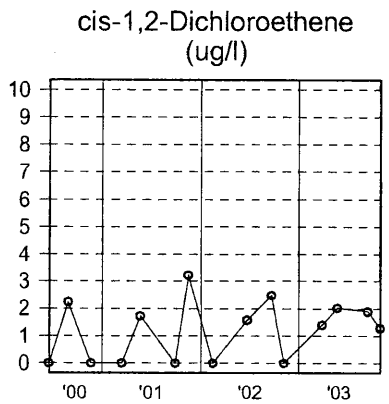
Fort Monmouth

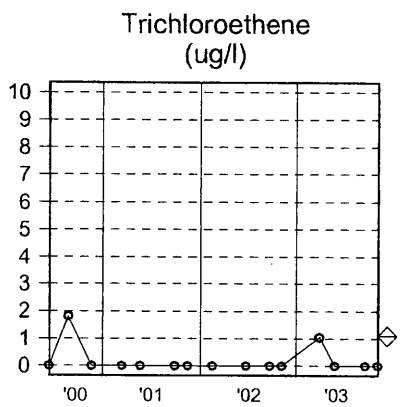
GW Monitoring
Streams

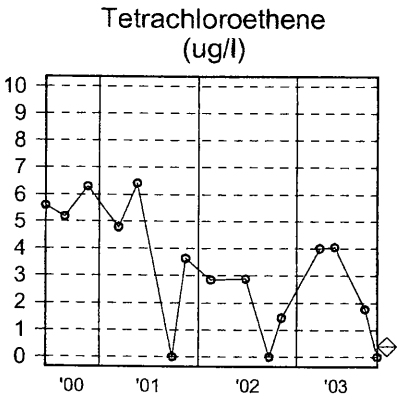
Source 18 of 23

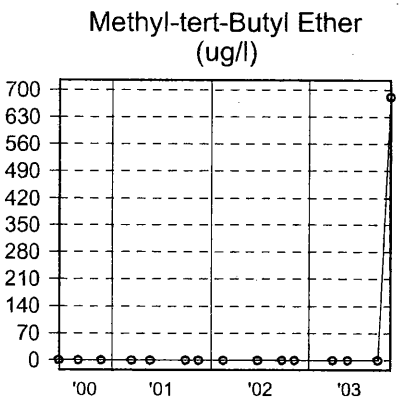
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

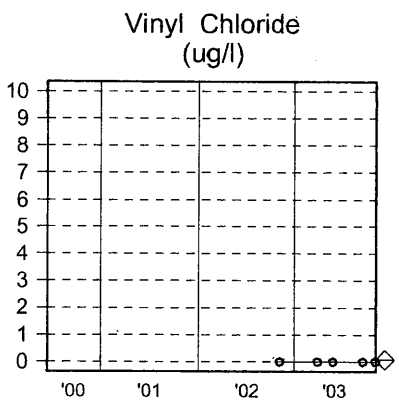












SOURCE: 23

Sampling Dates:
06/12/2000 - 11/04/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 18 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-01-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l				-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	0.083				-
06/12/2000	FMETL	ND	ND	ND	4.72	ND					
08/24/2000	FMETL	ND	1.54	1.41	4.33	ND					
11/20/2000	FMETL	ND	ND	ND	4.41	ND					-
03/08/2001	FMETL	ND	ND	ND	4.76	ND					-
05/16/2001	FMETL	ND	1.37	ND	5.12	ND					-
09/25/2001	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	ND	3.11	ND	3.28	ND					-
02/11/2002	FMETL	ND	ND	ND	2.69	ND					V
06/18/2002	FMETL	ND	1.60	ND	2.74	ND					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/05/2002	FMETL	ND	ND	ND	1.64	ND	ND				V,P
03/13/2003	FMETL	ND	0.99	0.83	3.50	ND	ND				V,P
05/21/2003	FMETL	ND	1.98	ND	3.94	ND	ND				V,P
09/17/2003	FMETL	ND	1.69	ND	1.61	ND	ND				V,P
11/04/2003	FMETL	ND	1.16	ND	ND	504.75	ND				V,P

SOURCE: 24

Sampling Dates:
06/12/2000 - 11/04/2003

NOTES:

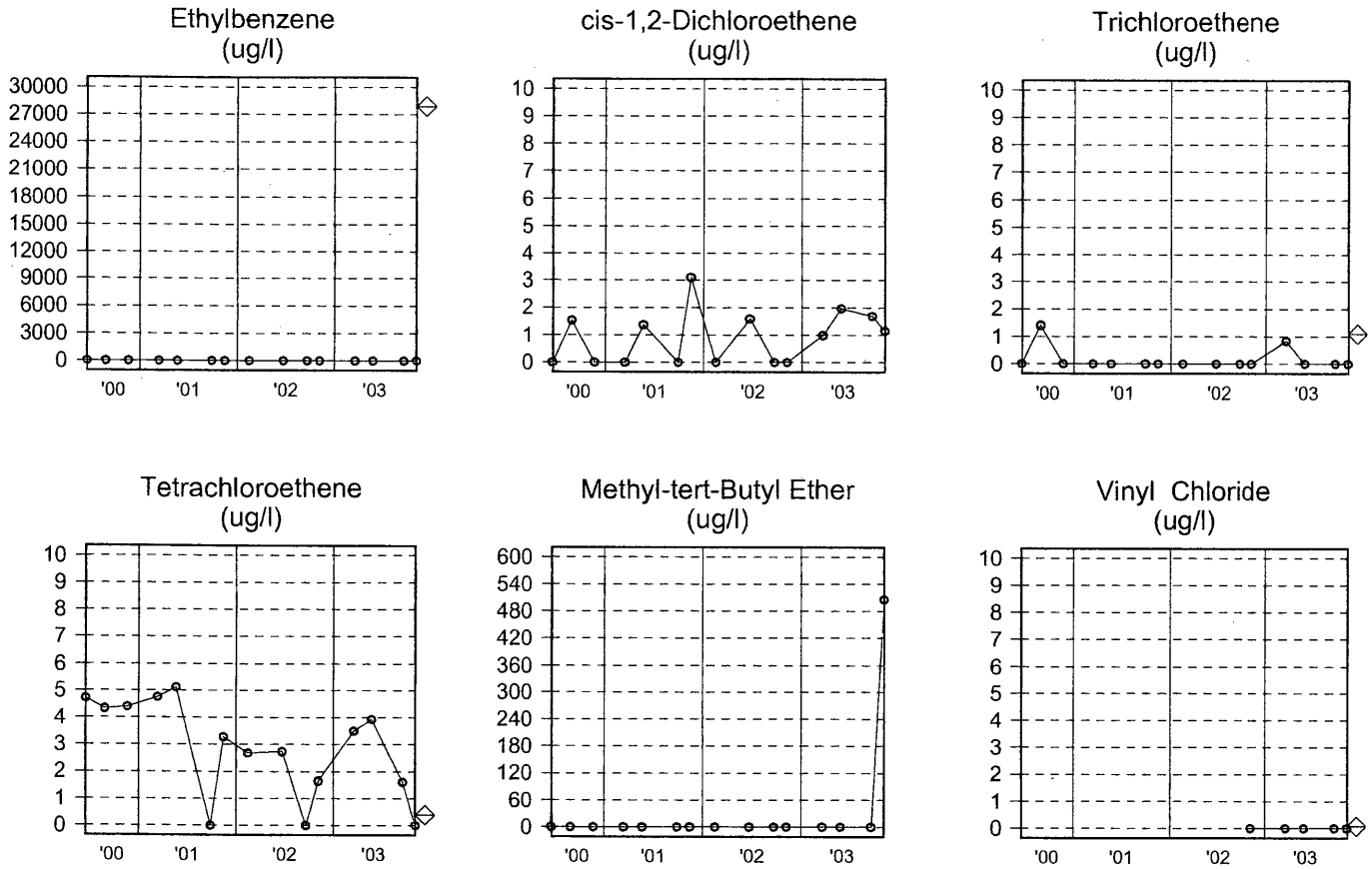
Page 1 of 2
Stream 24 is Fresh-Water

Fort Monmouth

GW Monitoring
Streams

Source 19 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 24

Sampling Dates:
06/12/2000 - 11/04/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 19 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-01-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l				-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	0.083				-
06/12/2000	FMETL	ND	ND	ND	ND	ND					
08/24/2000	FMETL	ND	ND	ND	ND	ND					
11/20/2000	FMETL	ND	ND	ND	ND	ND					-
03/08/2001	FMETL	ND	ND	ND	ND	ND					-
05/16/2001	FMETL	ND	ND	ND	ND	ND					-
09/25/2001	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	ND	ND	ND	ND	ND					-
02/11/2002	FMETL	ND	ND	ND	ND	ND					V
06/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P
03/24/2003	FMETL	ND	ND	ND	2.22	ND	ND				V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND	ND				V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND	ND				V,P
11/04/2003	FMETL	ND	ND	ND	ND	3.79	ND				V,P

SOURCE: 25

Sampling Dates:
06/12/2000 - 11/04/2003

NOTES:

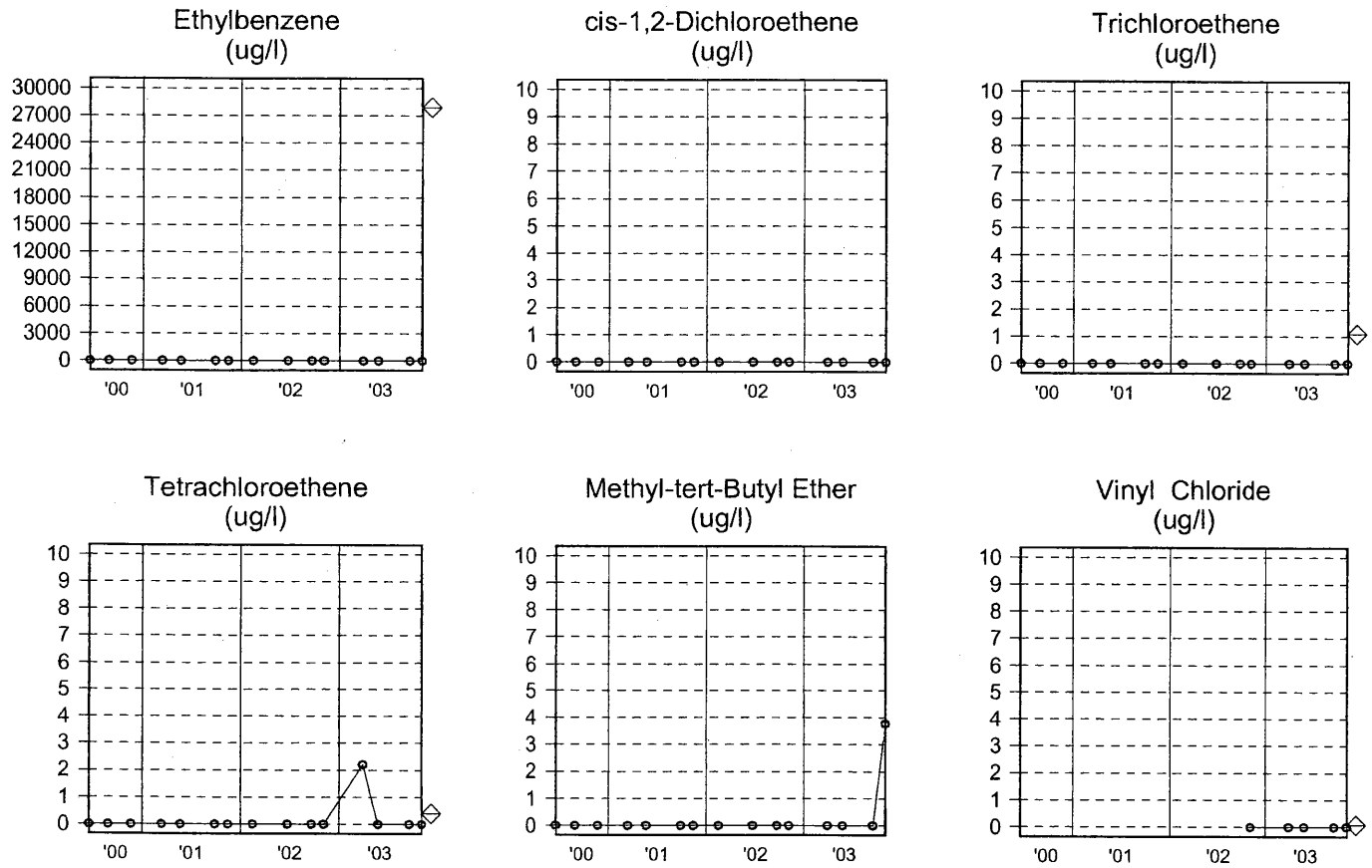
Page 1 of 1
Stream 25 is Salt-Water.

Fort Monmouth

GW Monitoring
Streams

Source 20 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 25

Sampling Dates:
06/12/2000 - 11/04/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 20 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

12-01-2003 X:\MtechData\Streams\STREAMS.WSF

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l				-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	0.083				-
06/12/2000	FMETL	ND	ND	ND	ND	ND					
08/24/2000	FMETL	ND	ND	ND	ND	ND					
11/20/2000	FMETL	ND	ND	ND	ND	ND					-
03/08/2001	FMETL	ND	ND	ND	ND	ND					-
05/16/2001	FMETL	ND	ND	ND	ND	ND					-
09/25/2001	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	ND	ND	ND	ND	ND					-
02/11/2002	FMETL	ND	ND	ND	ND	ND					V
06/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P
03/24/2003	FMETL	ND	ND	ND	ND	ND	ND				V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND	ND				V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND	ND				V,P
11/04/2003	FMETL	ND	ND	ND	ND	3.68	ND				V,P

SOURCE: 26

Sampling Dates:
06/12/2000 - 11/04/2003

NOTES:

Page 1 of 1
Stream 26 is Fresh-Water

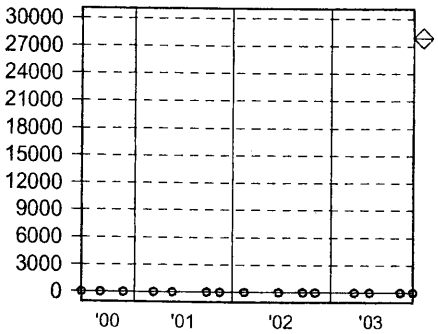
Fort Monmouth

GW Monitoring
Streams

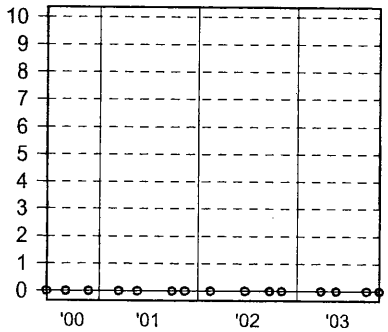
Source 21 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

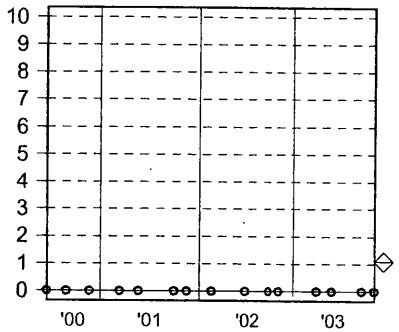
Ethylbenzene
(ug/l)



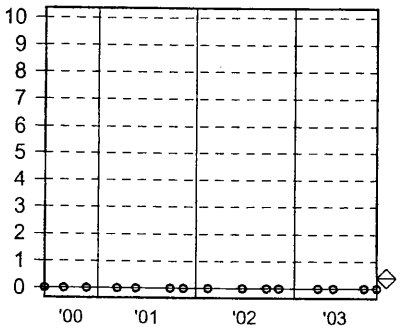
cis-1,2-Dichloroethene
(ug/l)



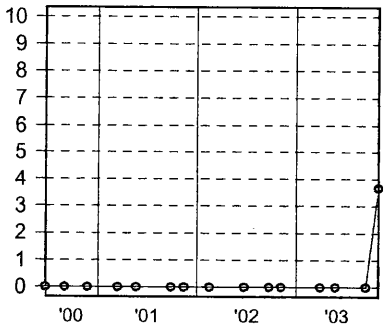
Trichloroethene
(ug/l)



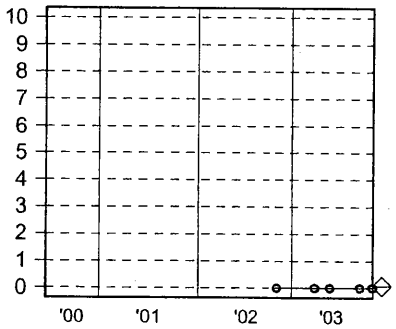
Tetrachloroethene
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



Vinyl Chloride
(ug/l)



SOURCE: 26

Sampling Dates:
06/12/2000 - 11/04/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 21 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l				-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	0.083				-
06/12/2000	FMETL	ND	ND	ND	ND	ND					
08/24/2000	FMETL	ND	ND	ND	1.72	ND					
11/20/2000	FMETL	ND	ND	ND	1.87	ND					-
03/08/2001	FMETL	ND	ND	ND	ND	ND					-
05/16/2001	FMETL	ND	ND	ND	ND	ND					-
09/25/2001	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	ND	ND	ND	ND	ND					-
02/11/2002	FMETL	ND	ND	ND	ND	ND					V
06/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P
03/13/2003	FMETL	ND	ND	ND	1.71	ND	ND				V,P
05/21/2003	FMETL	ND	1.38	2.68	ND	ND	ND				V,P
09/17/2003	FMETL	ND	1.16	ND	1.16	ND	ND				V,P
11/04/2003	FMETL	ND	0.88	ND	1.06	377.93	ND				V,P

SOURCE: 27

Sampling Dates:
06/12/2000 - 11/04/2003

NOTES:

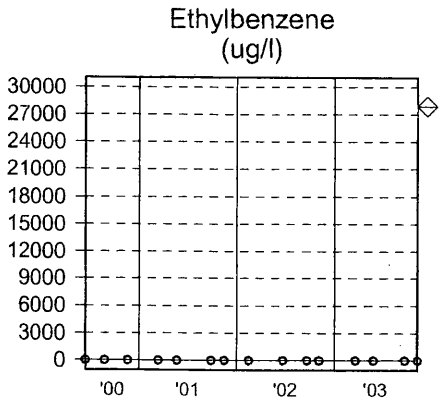
Page 1 of 1
Stream 27 is Salt Water.

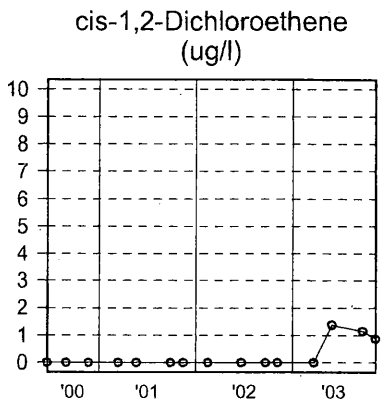
Fort Monmouth

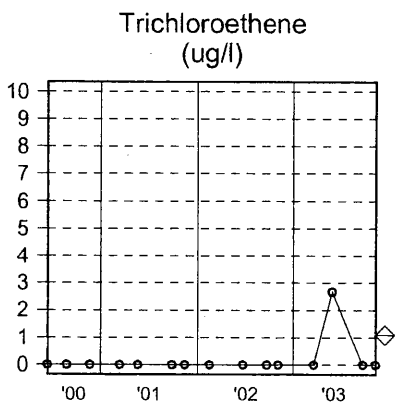
GW Monitoring
Streams

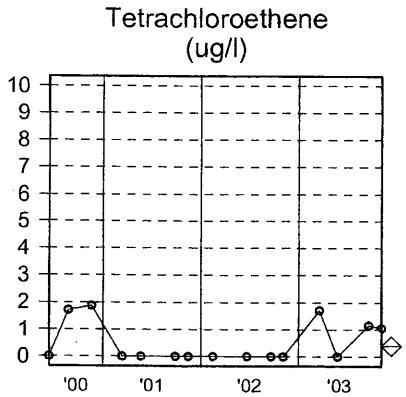
Source 22 of 23

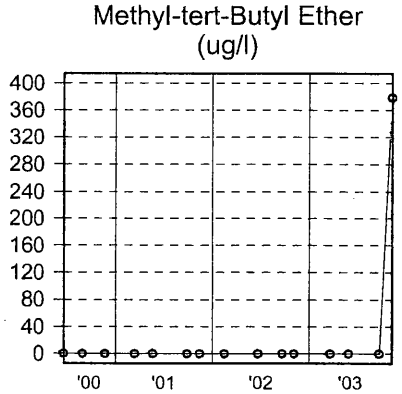
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

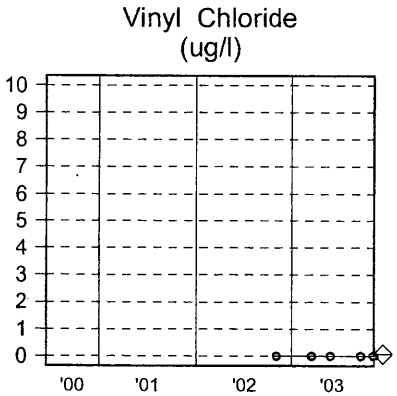












SOURCE: 27

Sampling Dates:
06/12/2000 - 11/04/2003

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 22 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l				-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	0.083				-
06/12/2000	FMETL	ND	ND	ND	ND	ND					
08/24/2000	FMETL	ND	1.28	1.07	3.67	ND					
11/20/2000	FMETL	ND	ND	ND	3.60	ND					-
03/08/2001	FMETL	ND	ND	ND	2.56	ND					-
05/16/2001	FMETL	ND	ND	ND	2.77	ND					-
09/25/2001	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	ND	ND	ND	ND	ND					-
02/11/2002	FMETL	ND	ND	ND	1.55	ND					V
06/18/2002	FMETL	ND	ND	ND	1.99	ND					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND	ND				V,P
03/13/2003	FMETL	ND	0.73	0.60	2.78	ND	ND				V,P
05/21/2003	FMETL	ND	1.50	ND	2.58	ND	ND				V,P
09/17/2003	FMETL	ND	1.14	ND	1.14	ND	ND				V,P
11/04/2003	FMETL	ND	1.54	0.78	1.89	493.12	ND				V,P

SOURCE: 28

Sampling Dates:
06/12/2000 - 11/04/2003

NOTES:

Page 1 of 1
Stream 28 is Salt-Water
cis-1,2-Dichloroethene limit is NLE
TCE limit is 81
PCE limit is 4.29

Fort Monmouth

GW Monitoring
Streams

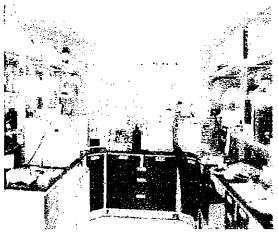
Source 23 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS

PHONE: (732) 532-6224 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699



ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: 1st QTR/04 Streams

Streams

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Stream Site #22	4018204	Aqueous	17-Mar-04 09:10	03/17/04
Stream Site #21	4018205	Aqueous	17-Mar-04 09:17	03/17/04
Stream Site #20	4018206	Aqueous	17-Mar-04 09:23	03/17/04
Stream Site #09	4018207	Aqueous	17-Mar-04 09:28	03/17/04
Stream Site #19	4018208	Aqueous	17-Mar-04 09:37	03/17/04
Stream Site #12	4018209	Aqueous	17-Mar-04 09:45	03/17/04
Stream Site #18	4018210	Aqueous	17-Mar-04 09:52	03/17/04
Stream Site #11	4018211	Aqueous	17-Mar-04 10:00	03/17/04
Stream Site #27	4018212	Aqueous	17-Mar-04 10:57	03/17/04
Stream Site #07	4018213	Aqueous	17-Mar-04 11:03	03/17/04
Stream Site #28	4018214	Aqueous	17-Mar-04 11:14	03/17/04
Stream Site #04	4018215	Aqueous	17-Mar-04 11:22	03/17/04
Stream Site #05	4018216	Aqueous	17-Mar-04 10:41	03/17/04
Stream Site #16	4018217	Aqueous	17-Mar-04 10:34	03/17/04
Stream Site #24	4018218	Aqueous	17-Mar-04 10:26	03/17/04
Stream Site #23	4018219	Aqueous	17-Mar-04 10:18	03/17/04
Stream Site #15	4018220	Aqueous	17-Mar-04 10:11	03/17/04
Stream Site #25	4018221	Aqueous	17-Mar-04 11:33	03/17/04
Stream Site #17	4018222	Aqueous	17-Mar-04 11:39	03/17/04
Stream Site #26	4018223	Aqueous	17-Mar-04 11:47	03/17/04
Stream Site #03	4018224	Aqueous	17-Mar-04 11:57	03/17/04
Stream Site #14	4018225	Aqueous	17-Mar-04 12:20	03/17/04
Stream Site #13	4018226	Aqueous	17-Mar-04 12:30	03/17/04

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA+15, PCB's, WET CHEMISTRY

4-19-04

Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B
TARGET COMPOUND LIST	Federal Register 40 CFR Part 136 Appendix A
Base/Neutrals and Acid Extractables by GC/MS	625
Purgeable Organcis by GC/MS	624
Pesticides and PCB's by GC	608

SAMPLING

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil

NJDEP Certification #13461

Chain of Custody Record

Customer: J. FALLON
Phone #: 126223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: Streams
1st Qtr '04

Samplers Name / Company: Corey McCormack, TVS

Comments: HCL/HNO_3/H_2SO_4/4°C

LIMS/Work Order #		Sample Location	Date	Time	Sample Type	# bottles	VOC+15	T. Col.	PCB	NH_3/NO_3	PO_4/SO_4	Temp °C	pH (su)	Dsslvd O_2	Remarks / Preservation Method	
40182	01	Trip	3/17/04	0800	AQ	2	✓					—	—	—		
	02	Field Blank		0900		5	✓		✓	✓	✓	—	—	—	Salinity	
	03	Dupe		—		6	✓	✓	✓	✓	✓	—	—	—	%	D 20/20
	04	Stream Site #22		0910		6	✓	✓	✓	✓	✓	10.31	7.69	9.34	1.019	21
	05	#21		0917			✓	✓	✓	✓	✓	10.19	7.77	9.27	1.019	21
	06	#20 *		0923			✓	✓	✓	✓	✓	10.17	7.74	9.30	1.018	20
	07	#09		0928			✓	✓	✓	✓	✓	10.11	7.70	9.38	1.017	19
	08	#19		0937			✓	✓	✓	✓	✓	10.10	7.73	9.42	1.008	10
	09	#12		0945			✓	✓	✓	✓	✓	10.27	7.89	9.37	1.000	0
	10	#18		0952			✓	✓	✓	✓	✓	10.25	7.92	9.40	1.000	0
	11	#11		1000			✓	✓	✓	✓	✓	10.53	7.76	9.79	1.000	0
	12	#27		1057			✓	✓	✓	✓	✓	10.67	7.70	9.71	1.007	9
	13	#07		1103			✓	✓	✓	✓	✓	10.71	7.72	9.73	1.007	9
	14	#28		1114			✓	✓	✓	✓	✓	10.70	7.74	9.69	1.006	8

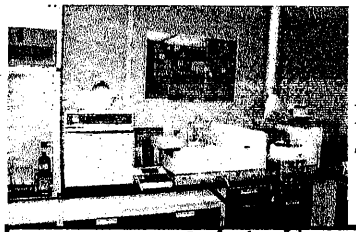
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	3/17/04 1245	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (✓)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (✓)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks:
Tide: H-70 Snow day/night prior

print legibly

COC.XLS1/12/2004



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. FALLON
Phone #: 826223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: Streams
1st Qtr '04

Samplers Name / Company: Corey McCormach, TVS

Comments: HCL/HNO_3/H_2SO_4/4°C

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOTIS	T. Coli.	PCB	NH_3/NO_3	PO_4/SO_4	Temp °C	pH (su)	Dissolved O_2	Remarks / Preservation Method	
40182 15	Streamsite #04	3/17/04	1122	AQ	6	✓	✓	✓	✓	✓	10.71	7.69	9.67	1.006	8
16	#05		1041			✓	✓	✓	✓	✓	10.63	7.73	9.70	1.005	7
17	#16		1034			✓	✓	✓	✓	✓	10.70	7.68	9.73	1.004	6
18	#24		1026			✓	✓	✓	✓	✓	10.67	7.60	9.77	1.002	4
19	#23		1018			✓	✓	✓	✓	✓	10.68	7.60	9.77	1.002	4
20	#15		1011			✓	✓	✓	✓	✓	10.66	7.54	9.74	1.002	4
21	#25		1133			✓	✓	✓	✓	✓	10.59	7.41	9.63	1.005	7
22	#17		1139			✓	✓	✓	✓	✓	10.57	7.53	9.74	1.004	6
23	#26		1147			✓	✓	✓	✓	✓	10.57	7.54	9.74	1.004	6
24	#03		1157			✓	✓	✓	✓	✓	10.48	7.56	9.83	1.002	4
25	#14		1220			✓	✓	✓	✓	✓	10.39	7.53	10.00	1.000	0
26	#13		1230			✓	✓	✓	✓	✓	10.40	7.60	9.96	1.000	0
Tem															

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormach	3/17/04 1245	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified, (_)EDD
Turnaround time: (X)Standard 3 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks:
Tide: H → O

print legibly

COC.XLS1/12/2004

VOLATILE ORGANICS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

U: The compound was analyzed for but not detected.

B: Indicates that the compound was found in the associated method blank as well as in the sample.

J: Indicates an estimated value. This flag is used:

(1) When the mass spec and retention time data indicate the presence of a compound however the result is less than the MDL but greater than zero.

(2) When estimating the concentration of a tentatively identified compound (TIC), where a 1:1 response is assumed.

D: This flag is used to identify all compounds (target or TIC) that required a dilution.

E: Indicates the compound's concentration exceeds the calibration range of the instrument for that specific analysis.

N: This flag is only used for TICs. It indicates the presumptive evidence of a compound. For a generic characterization of a TIC, such as unknown hydrocarbon, the flag is not used.

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	**VC011257.D**	Sample Name	**MB 18March04**
Operator	**Skelton**	Field ID	**MB 18March04**
Date Aquired	**18-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.62	275605	3.62 ug/L	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011257.D**	Sample Name	**MB 18March04**
Operator	**Skelton**	Field ID	**MB 18March04**
Date Aquired	**18-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.62	275605	3.62 ug/L	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

MB 18March04

Lab Name: FMETL NJDEP # 13461

Project: Streams Case No.: 40182 Location: Stream SDG No.: 1stQtr04

Matrix: (soil/water) WATER Lab Sample ID: MB 18March04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011257.D

Level: (low/med) LOW Date Received: 3/17/2004

% Moisture: not dec. _____ Date Analyzed: 3/18/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	**VC011258.D**	Sample Name	**4018201**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**18-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform	15.57	241157	1.59 ug/L	5.67	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011258.D**	Sample Name	**4018201**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**18-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform	15.57	241157	1.59 ug/L	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: Streams Case No.: 40182 Location: Stream SDG No.: 1stQtr04

Matrix: (soil/water) WATER Lab Sample ID: 4018201

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011258.D

Level: (low/med) LOW Date Received: 3/17/2004

% Moisture: not dec. _____ Date Analyzed: 3/18/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	**VC011259.D**	Sample Name	**4018202**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**18-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform	15.58	218970	1.56 ug/L	5.67	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011259.D**	Sample Name	**4018202**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**18-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform	15.58	218970	1.56 ug/L	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Field Blank

Lab Name: FMETL NJDEP # 13461

Project: Streams Case No.: 40182 Location: Stream SDG No.: 1stQtr04

Matrix: (soil/water) WATER Lab Sample ID: 4018202

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011259.D

Level: (low/med) LOW Date Received: 3/17/2004

% Moisture: not dec. Date Analyzed: 3/18/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	**VC011260.D**	Sample Name	**4018203**
Operator	**Skelton**	Field ID	**Dupe**
Date Aquired	**18-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.63	92629	1.28 ug/L	nle	0.40 ug/L	2.00 ug/L	B
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011260.D**	Sample Name	**4018203**
Operator	**Skelton**	Field ID	**Dupe**
Date Aquired	**18-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.63	92629	1.28 ug/L	nle	0.40 ug/L	2.00 ug/L	B
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Dupe

Lab Name: FMETL NJDEP # 13461

Project: Streams Case No.: 40182 Location: Stream SDG No.: 1stQtr04

Matrix: (soil/water) WATER Lab Sample ID: 4018203

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011260.D

Level: (low/med) LOW Date Received: 3/17/2004

% Moisture: not dec. _____ Date Analyzed: 3/18/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	**VC011281.D**	Sample Name	**4018224**
Operator	**Skelton**	Field ID	**StreamSite#03**
Date Aquired	**19-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.63	92793	1.32 ug/L	nle	0.40 ug/L	2.00 ug/L	B
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SS#03

Lab Name: FMETL NJDEP # 13461

Project: Streams Case No.: 40182 Location: Stream SDG No.: 1stQtr04

Matrix: (soil/water) WATER Lab Sample ID: 4018224

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011281.D

Level: (low/med) LOW Date Received: 3/17/2004

% Moisture: not dec. Date Analyzed: 3/19/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011272.D**	Sample Name	**4018215**
Operator	**Skelton**	Field ID	**StreamSite#04**
Date Aquired	**19-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.64	45662	0.65 ug/L	nle	0.40 ug/L	2.00 ug/L	B
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	22.88	47982	0.81 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SS#04

Lab Name: FMETL NJDEP # 13461

Project: Streams Case No.: 40182 Location: Stream SDG No.: 1stQtr04

Matrix: (soil/water) WATER Lab Sample ID: 4018215

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011272.D

Level: (low/med) LOW Date Received: 3/17/2004

% Moisture: not dec. _____ Date Analyzed: 3/19/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011273.D**	Sample Name	**4018216**
Operator	**Skelton**	Field ID	**StreamSite#05**
Date Aquired	**19-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.64	46155	0.66 ug/L	nle	0.40 ug/L	2.00 ug/L	B
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.70	53202	0.57 ug/L	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	18.50	33721	0.57 ug/L	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	22.88	130828	2.21 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SS#05

Lab Name: FMETL NJDEP # 13461

Project: Streams Case No.: 40182 Location: Stream SDG No.: 1stQtr04

Matrix: (soil/water) WATER Lab Sample ID: 4018216

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011273.D

Level: (low/med) LOW Date Received: 3/17/2004

% Moisture: not dec. Date Analyzed: 3/19/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011270.D**	Sample Name	**4018213**
Operator	**Skelton**	Field ID	**StreamSite#07**
Date Aquired	**19-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.64	41268	0.58 ug/L	nle	0.40 ug/L	2.00 ug/L	B
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	22.88	51101	0.85 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SS#07

Lab Name: FMETL NJDEP # 13461

Project: Streams Case No.: 40182 Location: Stream SDG No.: 1stQtr04

Matrix: (soil/water) WATER Lab Sample ID: 4018213

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011270.D

Level: (low/med) LOW Date Received: 3/17/2004

% Moisture: not dec. Date Analyzed: 3/19/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011264.D**	Sample Name	**4018207**
Operator	**Skelton**	Field ID	**StreamSite#09**
Date Aquired	**18-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.69	129571	1.36 ug/L	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SS#09

Lab Name: FMETL NJDEP # 13461

Project: Streams Case No.: 40182 Location: Stream SDG No.: 1stQtr04

Matrix: (soil/water) WATER Lab Sample ID: 4018207

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011264.D

Level: (low/med) LOW Date Received: 3/17/2004

% Moisture: not dec. Date Analyzed: 3/18/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	**VC011268.D**	Sample Name	**4018211**
Operator	**Skelton**	Field ID	**StreamSite#11**
Date Aquired	**19-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride	5.13	293399	2.07 ug/L	0.083	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.69	817049	8.14 ug/L	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	18.49	28278	0.46 ug/L	1.09	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene	21.58	179157	0.70 ug/L	7440	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SS#11

Lab Name: FMETL NJDEP # 13461

Project: Streams Case No.: 40182 Location: Stream SDG No.: 1stQtr04

Matrix: (soil/water) WATER Lab Sample ID: 4018211

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011268.D

Level: (low/med) LOW Date Received: 3/17/2004

% Moisture: not dec. _____ Date Analyzed: 3/19/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	**VC011266.D**	Sample Name	**4018209**
Operator	**Skelton**	Field ID	**StreamSite#12**
Date Aquired	**18-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.69	142600	1.53 ug/L	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SS#12

Lab Name: FMETL NJDEP # 13461

Project: Streams Case No.: 40182 Location: Stream SDG No.: 1stQtr04

Matrix: (soil/water) WATER Lab Sample ID: 4018209

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011266.D

Level: (low/med) LOW Date Received: 3/17/2004

% Moisture: not dec. _____ Date Analyzed: 3/18/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	**VC011283.D**	Sample Name	**4018226**
Operator	**Skelton**	Field ID	**StreamSite#13**
Date Aquired	**19-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.63	39759	0.57 ug/L	nle	0.40 ug/L	2.00 ug/L	B
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SS#13

Lab Name: FMETL NJDEP # 13461

Project: Streams Case No.: 40182 Location: Stream SDG No.: 1stQtr04

Matrix: (soil/water) WATER Lab Sample ID: 4018226

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011283.D

Level: (low/med) LOW Date Received: 3/17/2004

% Moisture: not dec. _____ Date Analyzed: 3/19/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	**VC011282.D**	Sample Name	**4018225**
Operator	**Skelton**	Field ID	**StreamSite#14**
Date Aquired	**19-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.63	69024	0.98 ug/L	nle	0.40 ug/L	2.00 ug/L	B
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SS#14

Lab Name: FMETL NJDEP # 13461

Project: Streams Case No.: 40182 Location: Stream SDG No.: 1stQtr04

Matrix: (soil/water) WATER Lab Sample ID: 4018225

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011282.D

Level: (low/med) LOW Date Received: 3/17/2004

% Moisture: not dec. _____ Date Analyzed: 3/19/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	**VC011277.D**	Sample Name	**4018220**
Operator	**Skelton**	Field ID	**StreamSite#15**
Date Aquired	**19-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.63	48675	0.69 ug/L	nle	0.40 ug/L	2.00 ug/L	B
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.70	52310	0.55 ug/L	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	18.50	32101	0.55 ug/L	1.09	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	22.88	133433	2.26 ug/L	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SS#15

Lab Name: FMETL NJDEP # 13461

Project: Streams Case No.: 40182 Location: Stream SDG No.: 1stQtr04

Matrix: (soil/water) WATER Lab Sample ID: 4018220

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011277.D

Level: (low/med) LOW Date Received: 3/17/2004

% Moisture: not dec. Date Analyzed: 3/19/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011274.D**	Sample Name	**4018217**
Operator	**Skelton**	Field ID	**StreamSite#16**
Date Aquired	**19-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	11.76	49396	0.29 ug/L	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.64	47394	0.67 ug/L	nle	0.40 ug/L	2.00 ug/L	B
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.70	50175	0.54 ug/L	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	18.49	33150	0.56 ug/L	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	22.88	135037	2.26 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SS#16

Lab Name: FMETL NJDEP # 13461

Project: Streams Case No.: 40182 Location: Stream SDG No.: 1stQtr04

Matrix: (soil/water) WATER Lab Sample ID: 4018217

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011274.D

Level: (low/med) LOW Date Received: 3/17/2004

% Moisture: not dec. _____ Date Analyzed: 3/19/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011279.D**	Sample Name	**4018222**
Operator	**Skelton**	Field ID	**StreamSite#17**
Date Aquired	**19-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.63	96944	1.36 ug/L	nle	0.40 ug/L	2.00 ug/L	B
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SS#17

Lab Name: FMETL NJDEP # 13461

Project: Streams Case No.: 40182 Location: Stream SDG No.: 1stQtr04

Matrix: (soil/water) WATER Lab Sample ID: 4018222

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011279.D

Level: (low/med) LOW Date Received: 3/17/2004

% Moisture: not dec. Date Analyzed: 3/19/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	**VC011267.D**	Sample Name	**4018210**
Operator	**Skelton**	Field ID	**StreamSite#18**
Date Aquired	**19-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.69	138396	1.49 ug/L	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SS#18

Lab Name: FMETL NJDEP # 13461

Project: Streams Case No.: 40182 Location: Stream SDG No.: 1stQtr04

Matrix: (soil/water) WATER Lab Sample ID: 4018210

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011267.D

Level: (low/med) LOW Date Received: 3/17/2004

% Moisture: not dec. Date Analyzed: 3/19/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011265.D**	Sample Name	**4018208**
Operator	**Skelton**	Field ID	**StreamSite#19**
Date Aquired	**18-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.69	163347	1.72 ug/L	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SS#19

Lab Name: FMETL NJDEP # 13461

Project: Streams Case No.: 40182 Location: Stream SDG No.: 1stQtr04

Matrix: (soil/water) WATER Lab Sample ID: 4018208

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011265.D

Level: (low/med) LOW Date Received: 3/17/2004

% Moisture: not dec. _____ Date Analyzed: 3/18/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011263.D**	Sample Name	**4018206**
Operator	**Skelton**	Field ID	**StreamSite#20**
Date Aquired	**18-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.62	90580	1.28 ug/L	nle	0.40 ug/L	2.00 ug/L	B
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SS#20

Lab Name: FMETL NJDEP # 13461

Project: Streams Case No.: 40182 Location: Stream SDG No.: 1stQtr04

Matrix: (soil/water) WATER Lab Sample ID: 4018206

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011263.D

Level: (low/med) LOW Date Received: 3/17/2004

% Moisture: not dec. _____ Date Analyzed: 3/18/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011262.D**	Sample Name	**4018205**
Operator	**Skelton**	Field ID	**StreamSite#21**
Date Aquired	**18-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.62	95868	1.35 ug/L	nle	0.40 ug/L	2.00 ug/L	B
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SS#21

Lab Name: FMETL NJDEP # 13461

Project: Streams Case No.: 40182 Location: Stream SDG No.: 1stQtr04

Matrix: (soil/water) WATER Lab Sample ID: 4018205

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011262.D

Level: (low/med) LOW Date Received: 3/17/2004

% Moisture: not dec. Date Analyzed: 3/18/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011261.D**	Sample Name	**4018204**
Operator	**Skelton**	Field ID	**StreamSite#22**
Date Aquired	**18-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.69	131271	1.37 ug/L	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SS#22

Lab Name: FMETL NJDEP # 13461

Project: Streams Case No.: 40182 Location: Stream SDG No.: 1stQtr04

Matrix: (soil/water) WATER Lab Sample ID: 4018204

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011261.D

Level: (low/med) LOW Date Received: 3/17/2004

% Moisture: not dec. Date Analyzed: 3/18/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011276.D**	Sample Name	**4018219**
Operator	**Skelton**	Field ID	**StreamSite#23**
Date Aquired	**19-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.64	42572	0.59 ug/L	nle	0.40 ug/L	2.00 ug/L	B
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.70	53999	0.56 ug/L	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	18.49	31527	0.53 ug/L	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	22.89	135258	2.25 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SS#23

Lab Name: FMETL NJDEP # 13461

Project: Streams Case No.: 40182 Location: Stream SDG No.: 1stQtr04

Matrix: (soil/water) WATER Lab Sample ID: 4018219

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011276.D

Level: (low/med) LOW Date Received: 3/17/2004

% Moisture: not dec. Date Analyzed: 3/19/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011275.D**	Sample Name	**4018218**
Operator	**Skelton**	Field ID	**StreamSite#24**
Date Aquired	**19-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	11.76	50817	0.30 ug/L	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.64	39871	0.56 ug/L	nle	0.40 ug/L	2.00 ug/L	B
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.70	55159	0.58 ug/L	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	18.51	34880	0.58 ug/L	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	22.88	127858	2.12 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SS#24

Lab Name: FMETL NJDEP # 13461

Project: Streams Case No.: 40182 Location: Stream SDG No.: 1stQtr04

Matrix: (soil/water) WATER Lab Sample ID: 4018218

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011275.D

Level: (low/med) LOW Date Received: 3/17/2004

% Moisture: not dec. Date Analyzed: 3/19/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011278.D**	Sample Name	**4018221**
Operator	**Skelton**	Field ID	**StreamSite#25**
Date Aquired	**19-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.62	108627	1.57 ug/L	nle	0.40 ug/L	2.00 ug/L	B
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SS#25

Lab Name: FMETL NJDEP # 13461

Project: Streams Case No.: 40182 Location: Stream SDG No.: 1stQtr04

Matrix: (soil/water) WATER Lab Sample ID: 4018221

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011278.D

Level: (low/med) LOW Date Received: 3/17/2004

% Moisture: not dec. Date Analyzed: 3/19/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011280.D**	Sample Name	**4018223**
Operator	**Skelton**	Field ID	**StreamSite#26**
Date Aquired	**19-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.62	93400	1.32 ug/L	nle	0.40 ug/L	2.00 ug/L	B
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SS#26

Lab Name: FMETL NJDEP # 13461

Project: Streams Case No.: 40182 Location: Stream SDG No.: 1stQtr04

Matrix: (soil/water) WATER Lab Sample ID: 4018223

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011280.D

Level: (low/med) LOW Date Received: 3/17/2004

% Moisture: not dec. Date Analyzed: 3/19/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011269.D**	Sample Name	**4018212**
Operator	**Skelton**	Field ID	**StreamSite#27**
Date Aquired	**19-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.63	49821	0.70 ug/L	nle	0.40 ug/L	2.00 ug/L	B
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	22.89	52084	0.85 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SS#27

Lab Name: FMETL NJDEP # 13461

Project: Streams Case No.: 40182 Location: Stream SDG No.: 1stQtr04

Matrix: (soil/water) WATER Lab Sample ID: 4018212

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011269.D

Level: (low/med) LOW Date Received: 3/17/2004

% Moisture: not dec. Date Analyzed: 3/19/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011271.D**	Sample Name	**4018214**
Operator	**Skelton**	Field ID	**StreamSite#28**
Date Aquired	**19-Mar-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.64	46890	0.66 ug/L	nle	0.40 ug/L	2.00 ug/L	B
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	22.88	50118	0.82 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SS#28

Lab Name: FMETL NJDEP # 13461

Project: Streams Case No.: 40182 Location: Stream SDG No.: 1stQtr04

Matrix: (soil/water) WATER Lab Sample ID: 4018214

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011271.D

Level: (low/med) LOW Date Received: 3/17/2004

% Moisture: not dec. Date Analyzed: 3/19/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

PEST/PCB's

TABULATED ANALYTICAL REPORT
POLYCHLORINATED BIPHENYLS
EPA METHOD 8082

mb 032204-02

MATRIX: Aqueous
Date Extracted: 3/22/2004
Ext. Batch: 032204
Filename: 02813.D
Date Analyzed: 3/22/2004

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (mg/L)	MDL (mg/L)
12674-11-2	Aroclor 1016	ND	0.0112
11104-28-2	Aroclor 1221	ND	0.0206
12672-29-6	Aroclor 1248	ND	0.0140
53469-21-9	Aroclor 1242	ND	0.0160
11141-16-5	Aroclor 1232	ND	0.0064
11097-69-1	Aroclor 1254	ND	0.0040
11096-82-5	Aroclor 1260	ND	0.0036

MDL - Method Detection Limit
ND = Not detected at or above MDL

Initial Vol..(ml)) 1000
Final Vol.(ml) 10

COMMENTS:

TABULATED ANALYTICAL REPORT
POLYCHLORINATED BIPHENYLS
EPA METHOD 8082

mb 032404-02

MATRIX: Aqueous
Date Extracted: 3/24/2004
Ext. Batch: 032404
Filename: PCB01118.D
Date Analyzed: 3/24/2004

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (mg/L)	MDL (mg/L)
12674-11-2	Aroclor 1016	ND	0.0112
11104-28-2	Aroclor 1221	ND	0.0206
12672-29-6	Aroclor 1248	ND	0.0140
53469-21-9	Aroclor 1242	ND	0.0160
11141-16-5	Aroclor 1232	ND	0.0064
11097-69-1	Aroclor 1254	ND	0.0040
11096-82-5	Aroclor 1260	ND	0.0036

MDL - Method Detection Limit
ND = Not detected at or above MDL

Initial Vol..(ml)) 1000
Final Vol.(ml) 10

COMMENTS:

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams, 1st Qrtr. Streams, 1st Qrtr. '04**	**Date Extracted:**	**3/22/2004**
Client ID:	**FIELDBLANK**	**Ext. Batch:**	**032204**
Lab ID:	**4018202**	**Date Analyzed:**	**3/22/2004**
Filename:	**02821.D**	**DILUTION:**	**1**
Lab Project No:	**40182**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.50	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.50	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.50	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.50	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.50	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.50	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.50	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.	MATRIX:	Aqueous
Location:	Streams, 1st Qrtr. Streams, 1st Qrtr. '04	Date Extracted:	3/22/2004
Client ID:	Dupe	Ext. Batch:	032204
Lab ID:	4018203	Date Analyzed:	3/22/2004
Filename:	02822.D	DILUTION:	1
Lab Project No:	40182		
		Analyst:	A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.50	NA		0.0007
11104-28-2	AROCLOR 1221	ND	0.50	NA		0.0007
11141-16-5	AROCLOR 1232	ND	0.50	NA		0.0006
53469-21-9	AROCLOR 1242	ND	0.50	NA		0.0005
12672-29-6	AROCLOR 1248	ND	0.50	NA		0.0005
11097-69-1	AROCLOR 1254	ND	0.50	NA		0.0006
11096-82-5	AROCLOR 1260	ND	0.50	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams, 1st Qrtr. Streams, 1st Qrtr. '04**	**Date Extracted:**	**3/24/2004**
Client ID:	**Streams Site #03**	**Ext. Batch:**	**032404**
Lab ID:	**4018224**	**Date Analyzed:**	**3/25/2004**
Filename:	**PCB01136.D**	**DILUTION:**	**1**
Lab Project No:	**40182**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.50	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.50	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.50	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.50	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.50	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.50	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.50	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.	MATRIX:	Aqueous
Location:	Streams, 1st Qrtr. Streams, 1st Qrtr. '04	Date Extracted:	3/24/2004
Client ID:	Streams Site #04	Ext. Batch:	032404
Lab ID:	4018215	Date Analyzed:	3/25/2004
Filename:	PCB01127.D	DILUTION:	1
Lab Project No:	40182		
		Analyst:	A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.50	NA		0.0007
11104-28-2	AROCLOR 1221	ND	0.50	NA		0.0007
11141-16-5	AROCLOR 1232	ND	0.50	NA		0.0006
53469-21-9	AROCLOR 1242	ND	0.50	NA		0.0005
12672-29-6	AROCLOR 1248	ND	0.50	NA		0.0005
11097-69-1	AROCLOR 1254	ND	0.50	NA		0.0006
11096-82-5	AROCLOR 1260	ND	0.50	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams, 1st Qrtr. Streams, 1st Qrtr. '04**	**Date Extracted:**	**3/24/2004**
Client ID:	**Streams Site #05**	**Ext. Batch:**	**032404**
Lab ID:	**4018216**	**Date Analyzed:**	**3/25/2004**
Filename:	**PCB01128.D**	**DILUTION:**	**1**
Lab Project No:	**40182**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.50	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.50	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.50	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.50	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.50	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.50	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.50	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams, 1st Qrtr. Streams, 1st Qrtr. '04**	**Date Extracted:**	**3/24/2004**
Client ID:	**Streams Site #07**	**Ext. Batch:**	**032404**
Lab ID:	**4018213**	**Date Analyzed:**	**3/25/2004**
Filename:	**PCB01125.D**	**DILUTION:**	**1**
Lab Project No:	**40182**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.50	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.50	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.50	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.50	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.50	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.50	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.50	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams, 1st Qrtr. Streams, 1st Qrtr. '04**	**Date Extracted:**	**3/22/2004**
Client ID:	**Streams Site #09**	**Ext. Batch:**	**032204**
Lab ID:	**4018207**	**Date Analyzed:**	**3/23/2004**
Filename:	**02826.D**	**DILUTION:**	**1**
Lab Project No:	**40182**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.50	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.50	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.50	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.50	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.50	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.50	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.50	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams, 1st Qrtr. Streams, 1st Qrtr. '04**	**Date Extracted:**	**3/24/2004**
Client ID:	**Streams Site #11**	**Ext. Batch:**	**032404**
Lab ID:	**4018211**	**Date Analyzed:**	**3/25/2004**
Filename:	**PCB01123.D**	**DILUTION:**	**1**
Lab Project No:	**40182**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.50	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.50	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.50	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.50	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.50	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.50	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.50	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams, 1st Qrtr. Streams, 1st Qrtr. '04**	**Date Extracted:**	**3/24/2004**
Client ID:	**Streams Site #12**	**Ext. Batch:**	**032404**
Lab ID:	**4018209**	**Date Analyzed:**	**3/25/2004**
Filename:	**PCB01121.D**	**DILUTION:**	**1**
Lab Project No:	**40182**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.50	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.50	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.50	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.50	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.50	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.50	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.50	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams, 1st Qrtr. Streams, 1st Qrtr. '04**	**Date Extracted:**	**3/24/2004**
Client ID:	**Streams Site #13**	**Ext. Batch:**	**032404**
Lab ID:	**4018226**	**Date Analyzed:**	**3/25/2004**
Filename:	**PCB01138.D**	**DILUTION:**	**1**
Lab Project No:	**40182**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.50	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.50	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.50	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.50	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.50	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.50	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.50	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams, 1st Qrtr. Streams, 1st Qrtr. '04**	**Date Extracted:**	**3/24/2004**
Client ID:	**Streams Site #14**	**Ext. Batch:**	**032404**
Lab ID:	**4018225**	**Date Analyzed:**	**3/25/2004**
Filename:	**PCB01137.D**	**DILUTION:**	**1**
Lab Project No:	**40182**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.50	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.50	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.50	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.50	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.50	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.50	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.50	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams, 1st Qrtr. Streams, 1st Qrtr. '04**	**Date Extracted:**	**3/24/2004**
Client ID:	**Streams Site #15**	**Ext. Batch:**	**032404**
Lab ID:	**4018220**	**Date Analyzed:**	**3/25/2004**
Filename:	**PCB01132.D**	**DILUTION:**	**1**
Lab Project No:	**40182**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.50	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.50	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.50	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.50	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.50	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.50	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.50	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams, 1st Qrtr. Streams, 1st Qrtr. '04**	**Date Extracted:**	**3/24/2004**
Client ID:	**Streams Site #16**	**Ext. Batch:**	**032404**
Lab ID:	**4018217**	**Date Analyzed:**	**3/25/2004**
Filename:	**PCB01129.D**	**DILUTION:**	**1**
Lab Project No:	**40182**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.50	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.50	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.50	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.50	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.50	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.50	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.50	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.	MATRIX:	Aqueous
Location:	Streams, 1st Qrtr. Streams, 1st Qrtr. '04	Date Extracted:	3/24/2004
Client ID:	Streams Site #17	Ext. Batch:	032404
Lab ID:	4018222	Date Analyzed:	3/25/2004
Filename:	PCB01134.D	DILUTION:	1
Lab Project No:	40182		
		Analyst:	A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.50	NA		0.0007
11104-28-2	AROCLOR 1221	ND	0.50	NA		0.0007
11141-16-5	AROCLOR 1232	ND	0.50	NA		0.0006
53469-21-9	AROCLOR 1242	ND	0.50	NA		0.0005
12672-29-6	AROCLOR 1248	ND	0.50	NA		0.0005
11097-69-1	AROCLOR 1254	ND	0.50	NA		0.0006
11096-82-5	AROCLOR 1260	ND	0.50	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams, 1st Qrtr. Streams, 1st Qrtr. '04**	**Date Extracted:**	**3/24/2004**
Client ID:	**Streams Site #18**	**Ext. Batch:**	**032404**
Lab ID:	**4018210**	**Date Analyzed:**	**3/25/2004**
Filename:	**PCB01122.D**	**DILUTION:**	**1**
Lab Project No:	**40182**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.50	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.50	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.50	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.50	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.50	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.50	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.50	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams, 1st Qrtr. Streams, 1st Qrtr. '04**	**Date Extracted:**	**3/24/2004**
Client ID:	**Streams Site #19**	**Ext. Batch:**	**032404**
Lab ID:	**4018208**	**Date Analyzed:**	**3/25/2004**
Filename:	**PCB01120.D**	**DILUTION:**	**1**
Lab Project No:	**40182**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.50	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.50	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.50	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.50	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.50	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.50	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.50	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams, 1st Qrtr. Streams, 1st Qrtr. '04**	**Date Extracted:**	**3/22/2004**
Client ID:	**Streams Site #20**	**Ext. Batch:**	**032204**
Lab ID:	**4018206**	**Date Analyzed:**	**3/22/2004**
Filename:	**02825.D**	**DILUTION:**	**1**
Lab Project No:	**40182**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.50	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.50	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.50	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.50	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.50	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.50	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.50	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.	MATRIX:	Aqueous
Location:	Streams, 1st Qrtr. Streams, 1st Qrtr. '04	Date Extracted:	3/22/2004
Client ID:	Streams Site #21	Ext. Batch:	032204
Lab ID:	4018205	Date Analyzed:	3/22/2004
Filename:	02824.D	DILUTION:	1
Lab Project No:	40182		
		Analyst:	A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.50	NA		0.0007
11104-28-2	AROCLOR 1221	ND	0.50	NA		0.0007
11141-16-5	AROCLOR 1232	ND	0.50	NA		0.0006
53469-21-9	AROCLOR 1242	ND	0.50	NA		0.0005
12672-29-6	AROCLOR 1248	ND	0.50	NA		0.0005
11097-69-1	AROCLOR 1254	ND	0.50	NA		0.0006
11096-82-5	AROCLOR 1260	ND	0.50	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams, 1st Qrtr. Streams, 1st Qrtr. '04**	**Date Extracted:**	**3/22/2004**
Client ID:	**Streams Site #22**	**Ext. Batch:**	**032204**
Lab ID:	**4018204**	**Date Analyzed:**	**3/22/2004**
Filename:	**02823.D**	**DILUTION:**	**1**
Lab Project No:	**40182**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.50	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.50	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.50	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.50	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.50	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.50	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.50	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams, 1st Qrtr. Streams, 1st Qrtr. '04**	**Date Extracted:**	**3/24/2004**
Client ID:	**Streams Site #23**	**Ext. Batch:**	**032404**
Lab ID:	**4018219**	**Date Analyzed:**	**3/25/2004**
Filename:	**PCB01131.D**	**DILUTION:**	**1**
Lab Project No:	**40182**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.50	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.50	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.50	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.50	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.50	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.50	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.50	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams, 1st Qrtr. Streams, 1st Qrtr. '04**	**Date Extracted:**	**3/24/2004**
Client ID:	**Streams Site #24**	**Ext. Batch:**	**032404**
Lab ID:	**4018218**	**Date Analyzed:**	**3/25/2004**
Filename:	**PCB01130.D**	**DILUTION:**	**1**
Lab Project No:	**40182**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.50	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.50	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.50	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.50	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.50	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.50	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.50	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams, 1st Qrtr. Streams, 1st Qrtr. '04**	**Date Extracted:**	**3/24/2004**
Client ID:	**Streams Site #25**	**Ext. Batch:**	**032404**
Lab ID:	**4018221**	**Date Analyzed:**	**3/25/2004**
Filename:	**PCB01133.D**	**DILUTION:**	**1**
Lab Project No:	**40182**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.50	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.50	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.50	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.50	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.50	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.50	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.50	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.	MATRIX:	Aqueous
Location:	Streams, 1st Qrtr. Streams, 1st Qrtr. '04	Date Extracted:	3/24/2004
Client ID:	Streams Site #26	Ext. Batch:	032404
Lab ID:	4018223	Date Analyzed:	3/25/2004
Filename:	PCB01135.D	DILUTION:	1
Lab Project No:	40182		
		Analyst:	A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.50	NA		0.0007
11104-28-2	AROCLOR 1221	ND	0.50	NA		0.0007
11141-16-5	AROCLOR 1232	ND	0.50	NA		0.0006
53469-21-9	AROCLOR 1242	ND	0.50	NA		0.0005
12672-29-6	AROCLOR 1248	ND	0.50	NA		0.0005
11097-69-1	AROCLOR 1254	ND	0.50	NA		0.0006
11096-82-5	AROCLOR 1260	ND	0.50	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams, 1st Qrtr. Streams, 1st Qrtr. '04**	**Date Extracted:**	**3/24/2004**
Client ID:	**Streams Site #27**	**Ext. Batch:**	**032404**
Lab ID:	**4018212**	**Date Analyzed:**	**3/25/2004**
Filename:	**PCB01124.D**	**DILUTION:**	**1**
Lab Project No:	**40182**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.50	NA		0.0007
11104-28-2	**AROCLOR 1221**	**ND**	0.50	NA		0.0007
11141-16-5	**AROCLOR 1232**	**ND**	0.50	NA		0.0006
53469-21-9	**AROCLOR 1242**	**ND**	0.50	NA		0.0005
12672-29-6	**AROCLOR 1248**	**ND**	0.50	NA		0.0005
11097-69-1	**AROCLOR 1254**	**ND**	0.50	NA		0.0006
11096-82-5	**AROCLOR 1260**	**ND**	0.50	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.	MATRIX:	Aqueous
Location:	Streams, 1st Qrtr. Streams, 1st Qrtr. '04	Date Extracted:	3/24/2004
Client ID:	Streams Site #28	Ext. Batch:	032404
Lab ID:	4018214	Date Analyzed:	3/25/2004
Filename:	PCB01126.D	DILUTION:	1
Lab Project No:	40182		
		Analyst:	A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.50	NA		0.0007
11104-28-2	AROCLOR 1221	ND	0.50	NA		0.0007
11141-16-5	AROCLOR 1232	ND	0.50	NA		0.0006
53469-21-9	AROCLOR 1242	ND	0.50	NA		0.0005
12672-29-6	AROCLOR 1248	ND	0.50	NA		0.0005
11097-69-1	AROCLOR 1254	ND	0.50	NA		0.0006
11096-82-5	AROCLOR 1260	ND	0.50	NA		0.0007

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Initial Vol.(ml)) 1000.00
Final Vol.(ml) 10.00

WET CHEMISTRY

Stream Water Analysis
1st Quarter 2004

Sample ID	Date Sampled	Stream Site#	Temp C	pH	D.O. (mg/L)	Nitrates (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	Ammonia (mg/L)	T.Coliform (cfu/100ml)	F.Coliform (cfu/100ml)	% Salinity
4018204	3/17/04	22	10.31	7.69	9.34	1.76	0.16	22.1	ND	210	20	21
4018205	3/17/04	21	10.19	7.77	9.27	1.32	0.15	938	ND	160	10	21
4018206	3/17/04	20	10.17	7.74	9.30	ND	0.15	954	ND	130	ND	20
4018207	3/17/04	9	10.11	7.70	9.38	3.52	0.12	21.4	ND	120	50	19
4018208	3/17/04	19	10.10	7.73	9.42	3.08	0.32	18.5	ND	190	30	10
4018209	3/17/04	12	10.27	7.89	9.37	4.84	0.17	16.5	ND	110	50	0
4018210	3/17/04	18	10.25	7.92	9.40	4.40	0.11	15.2	ND	210	30	0
4018211	3/17/04	11	10.53	7.76	9.79	4.40	0.12	16.6	ND	190	10	0
4018212	3/17/04	27	10.67	7.70	9.71	2.64	0.25	43.3	ND	350	40	9
4018213	3/17/04	7	10.71	7.72	9.73	3.08	0.30	43.9	ND	400	10	9
4018214	3/17/04	28	10.70	7.74	9.69	4.84	0.24	44.8	ND	290	40	8
4018215	3/17/04	4	10.71	7.69	9.67	1.32	0.18	43.9	ND	290	50	8
4018216	3/17/04	5	10.63	7.73	9.70	5.28	0.12	39.7	ND	130	40	7
4018217	3/17/04	16	10.70	7.68	9.73	3.96	0.11	19.5	ND	330	20	6
4018218	3/17/04	24	10.67	7.60	9.77	4.84	0.21	24.5	ND	330	20	4
4018219	3/17/04	23	10.68	7.60	9.77	7.48	0.12	23.5	ND	260	10	4
4018220	3/17/04	15	10.66	7.59	9.74	3.96	0.14	24.0	ND	390	ND	4
4018221	3/17/04	25	10.59	7.41	9.63	0.88	0.13	26.9	ND	350	10	7
4018222	3/17/04	17	10.57	7.53	9.74	ND	0.13	25.6	ND	280	ND	6
4018223	3/17/04	26	10.57	7.54	9.74	1.32	0.14	26.7	ND	370	20	6
4018224	3/17/04	3	10.48	7.56	9.83	ND	0.47	26.1	ND	170	20	4
4018225	3/17/04	14	10.37	7.53	10.00	ND	0.17	26.3	ND	350	30	0
4018226	3/17/04	13	10.40	7.60	9.96	3.52	0.16	24.4	ND	470	ND	0

mg/L = Parts Per Million
cfu = Colony Forming Units
ND = Not detected
TNTC = Too Numerous to Count

Completed: 4/14/04
Reviewed:

Daniel K. Wright
Laboratory Director

LTM

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	-					-
07/17/1997	FMETL	ND	ND	ND	ND	ND					
10/30/1997	FMETL	ND	ND	ND	ND	ND					
02/10/1998	FMETL	ND	ND	ND	ND	ND					
04/21/1998	FMETL	ND	ND	ND	ND	ND					
08/19/1998	FMETL	ND	ND	ND	ND	ND					
11/18/1998	FMETL	ND	ND	1.09	ND	ND					
02/25/1999	FMETL	ND	ND	ND	ND	ND					
06/29/1999	FMETL	ND	ND	ND	ND	ND					
09/22/1999	FMETL	ND	ND	ND	ND	ND					
12/09/1999	FMETL	ND	ND	ND	ND	ND					
03/01/2000	FMETL	ND	ND	ND	ND	ND					
06/12/2000	FMETL	ND	ND	ND	ND	ND					
08/24/2000	FMETL	ND	ND	ND	ND	ND					
11/20/2000	FMETL	ND	ND	ND	ND	ND					
03/08/2001	FMETL	ND	ND	ND	ND	ND					-
05/16/2001	FMETL	ND	ND	ND	ND	ND					-
09/25/2001	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	ND	ND	ND	ND	ND					-
02/11/2002	FMETL	ND	ND	ND	ND	ND					V
06/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/05/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/24/2003	FMETL	ND	ND	ND	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND					V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2003	FMETL	ND	ND	ND	ND	3.57					V,P
03/17/2004	FMETL	ND	ND	ND	1.32	ND					V,P

SOURCE: 3

Sampling Dates:
07/17/1997 - 03/17/2004

NOTES:

Stream 3 is Fresh-Water.
MeCl limit is 2.49 ug/L.
PCE limit is 0.388 ug/L.

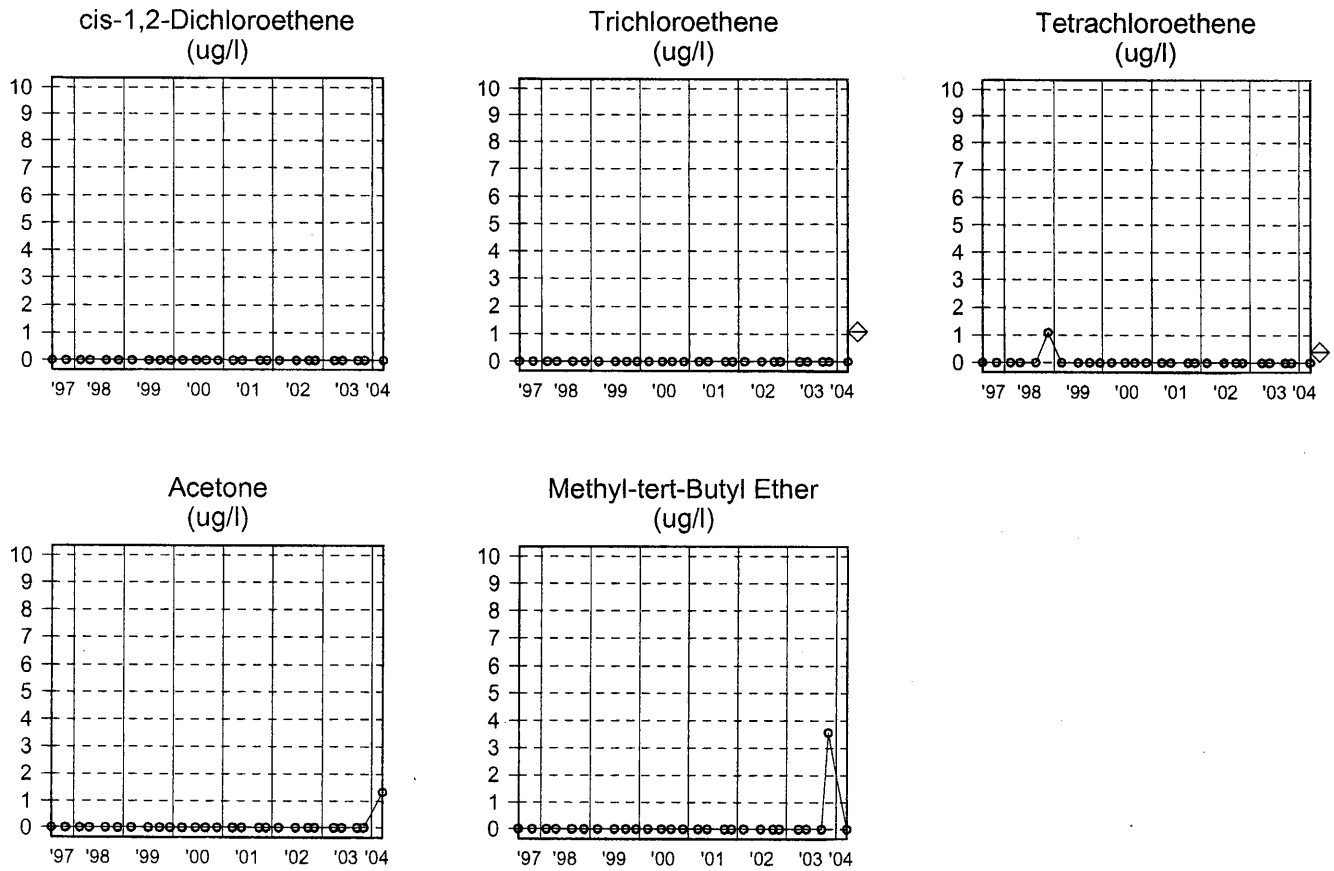
Page 1 of 1

Fort Monmouth

GW Monitoring
Streams

Source 1 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 3

Sampling Dates:
07/17/1997 - 03/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 1 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	-					-
04/08/1997	FMETL	2.18	ND	ND	ND	ND					
07/17/1997	FMETL	1.63	ND	1.61	ND	ND					
10/30/1997	FMETL	ND	ND	1.24	ND	ND					
02/10/1998	FMETL	ND	ND	6.61	ND	ND					
04/21/1998	FMETL	ND	ND	4.42	ND	ND					
08/19/1998	FMETL	1.92	1.10	2.85	ND	ND					
11/17/1998	FMETL	1.19	ND	1.62	ND	ND					
02/25/1999	FMETL	ND	ND	5.61	ND	ND					
06/29/1999	FMETL	2.41	1.56	5.27	ND	ND					
09/22/1999	FMETL	2.02	ND	1.85	ND	ND					
12/09/1999	FMETL	ND	ND	ND	ND	ND					
03/01/2000	FMETL	1.23	1.26	6.18	ND	2.18					
06/12/2000	FMETL	ND	ND	4.37	ND	ND					
08/24/2000	FMETL	1.19	1.19	3.19	ND	ND					
11/20/2000	FMETL	ND	ND	3.70	ND	ND					-
03/08/2001	FMETL	ND	ND	2.52	ND	ND					-
05/16/2001	FMETL	ND	ND	2.95	ND	ND					-
09/25/2001	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	ND	ND	ND	ND	ND					-
02/11/2002	FMETL	ND	ND	1.64	ND	ND					V
06/18/2002	FMETL	ND	ND	1.97	ND	ND					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/13/2003	FMETL	0.57	0.51	2.33	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND					V,P
09/17/2003	FMETL	1.14	ND	1.13	ND	ND					V,P
11/04/2003	FMETL	1.03	ND	ND	ND	454.16					V,P
03/17/2004	FMETL	ND	ND	0.81	0.65	ND					V,P

SOURCE: 4

Sampling Dates:
04/08/1997 - 03/17/2004

NOTES:

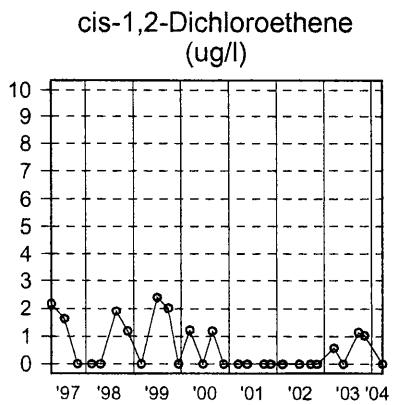
PAGE 1 OF 1
Stream 4 is Salt-Water.
MTBE limit is NLE
cis-1,2-Di limit is NLE
TCE limit is 81
PCE limit is 4.29

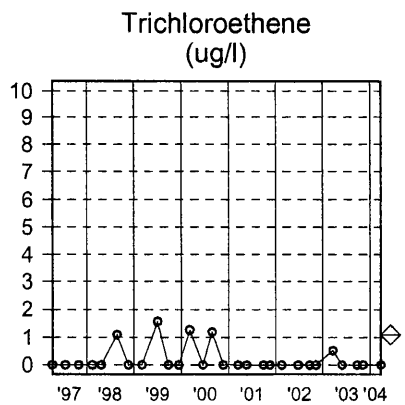
Fort Monmouth

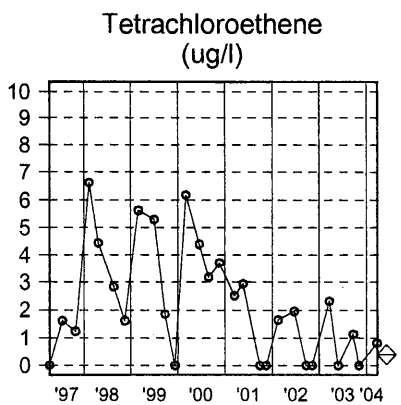
GW Monitoring
Streams

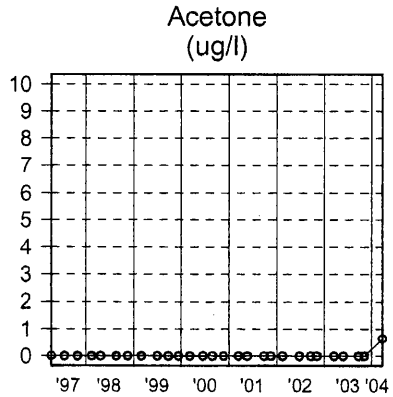
Source 2 of 23

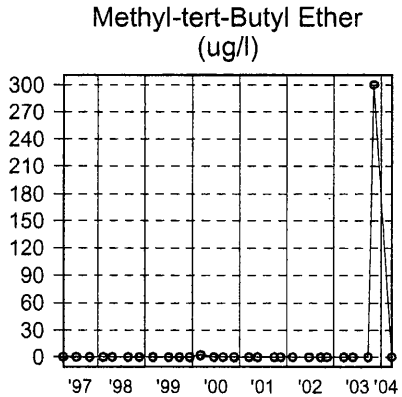
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 4

Sampling Dates:
04/08/1997 - 03/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 2 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	-					-
04/08/1997	FMETL	1.80	ND	2.28	ND	ND					
07/17/1997	FMETL	3.66	ND	3.54	ND	ND					
10/30/1997	FMETL	1.83	ND	1.70	ND	ND					
02/10/1998	FMETL	ND	ND	6.34	ND	ND					
04/21/1998	FMETL	ND	ND	4.48	ND	ND					
08/19/1998	FMETL	2.28	1.27	3.39	ND	ND					
11/17/1998	FMETL	1.67	ND	2.17	ND	ND					
02/25/1999	FMETL	ND	ND	5.45	ND	ND					
06/29/1999	FMETL	2.74	1.74	6.04	ND	ND					
09/22/1999	FMETL	1.96	ND	1.82	ND	ND					
12/09/1999	FMETL	1.60	ND	3.82	ND	ND					
03/01/2000	FMETL	1.27	1.36	6.62	ND	2.34					
06/12/2000	FMETL	ND	ND	4.38	ND	ND					
08/24/2000	FMETL	1.19	ND	3.44	ND	ND					
11/20/2000	FMETL	ND	ND	3.58	ND	ND					-
03/08/2001	FMETL	ND	ND	ND	ND	ND					-
05/16/2001	FMETL	0.97	ND	4.09	ND	ND					-
09/25/2001	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	1.51	ND	1.99	ND	ND					-
02/11/2002	FMETL	ND	ND	2.44	ND	ND					V
06/18/2002	FMETL	ND	ND	2.39	ND	ND					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/13/2003	FMETL	0.81	0.71	3.08	ND	ND					V,P
05/21/2003	FMETL	ND	ND	3.54	ND	ND					V,P
09/17/2003	FMETL	1.36	ND	1.23	ND	ND					V,P
11/04/2003	FMETL	1.34	ND	ND	ND	556.49					V,P
03/17/2004	FMETL	0.57	0.57	2.21	0.66	ND					V,P

SOURCE: 5

Sampling Dates:
04/08/1997 - 03/17/2004

NOTES:

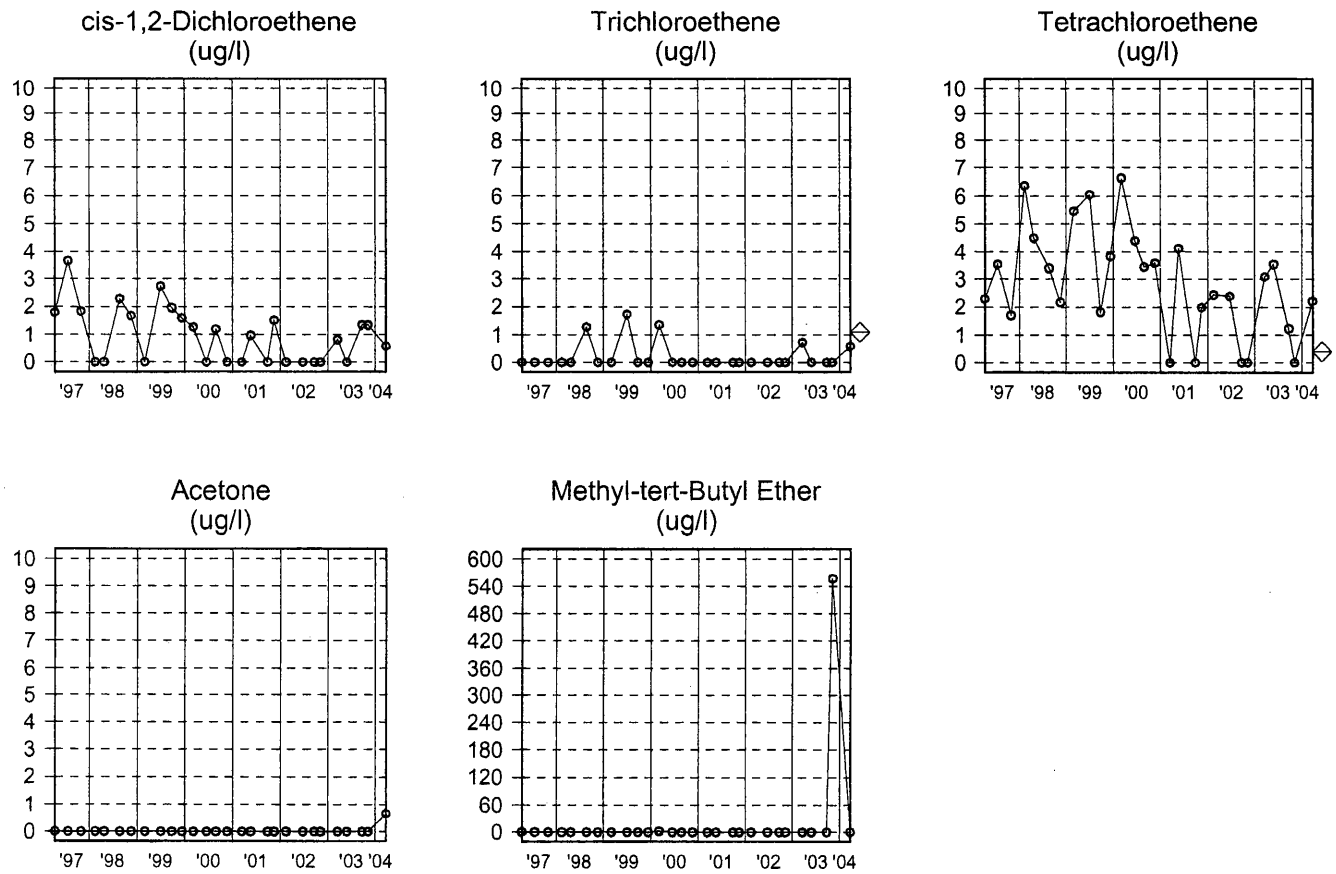
Page 1 of 1
Stream 5 is Salt-Water.
MeCl limit is 1600 ug/L.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 3 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 5

Sampling Dates:
04/08/1997 - 03/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 3 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	-					-
04/08/1997	FMETL	ND	ND	ND	ND	ND					
07/17/1997	FMETL	1.14	ND	1.08	ND	ND					
10/30/1997	FMETL	ND	ND	ND	ND	ND					
02/10/1998	FMETL	ND	ND	2.04	ND	ND					
04/21/1998	FMETL	ND	ND	2.40	ND	ND					
08/19/1998	FMETL	ND	ND	ND	ND	ND					
11/17/1998	FMETL	ND	ND	ND	ND	ND					
02/25/1999	FMETL	ND	ND	2.85	ND	ND					
06/29/1999	FMETL	ND	ND	1.42	2.94	2.00					
09/22/1999	FMETL	ND	ND	ND	ND	ND					
12/09/1999	FMETL	ND	ND	ND	ND	ND					
03/01/2000	FMETL	1.19	1.30	6.47	ND	2.14					
06/12/2000	FMETL	ND	ND	ND	ND	ND					
08/24/2000	FMETL	ND	ND	1.77	ND	ND					
11/20/2000	FMETL	ND	ND	1.94	ND	ND					-
03/08/2001	FMETL	ND	ND	ND	ND	ND					-
05/16/2001	FMETL	ND	ND	ND	ND	ND					-
09/25/2001	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	ND	ND	ND	ND	ND					-
02/11/2002	FMETL	ND	ND	ND	ND	ND					V
06/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/13/2003	FMETL	ND	ND	1.61	ND	ND					V,P
05/21/2003	FMETL	ND	ND	2.67	ND	ND					V,P
09/17/2003	FMETL	1.17	ND	1.08	ND	ND					V,P
11/04/2003	FMETL	0.83	ND	1.04	ND	347.04					V,P
03/17/2004	FMETL	ND	ND	0.85	0.58	ND					V,P

SOURCE: 7

Sampling Dates:
04/08/1997 - 03/17/2004

NOTES:

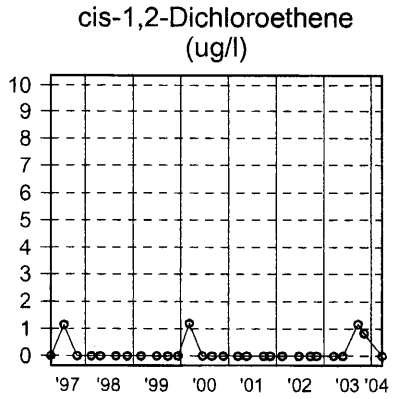
Page 1 of 1
Stream 7 is Salt-Water.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.
Acetone limit is NLE.

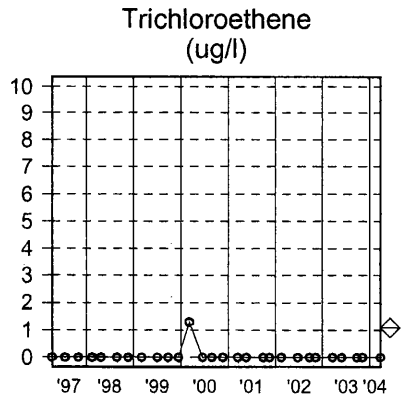
Fort Monmouth

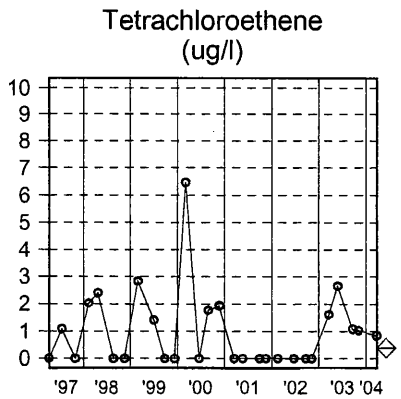
GW Monitoring
Streams

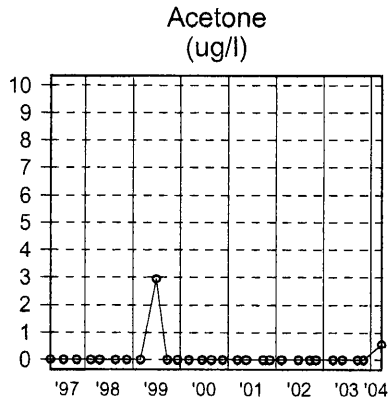
Source 4 of 23

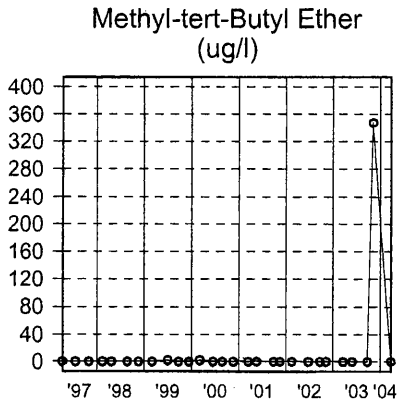
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 7

Sampling Dates:
04/08/1997 - 03/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 4 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	-					-
04/08/1997	FMETL	2.78	ND	ND	ND	ND					
07/17/1997	FMETL	ND	ND	ND	ND	ND					
10/30/1997	FMETL	2.14	ND	ND	ND	ND					
02/10/1998	FMETL	6.00	ND	ND	ND	ND					
04/21/1998	FMETL	4.73	ND	ND	ND	ND					
08/19/1998	FMETL	1.69	ND	ND	ND	ND					
11/17/1998	FMETL	ND	ND	ND	ND	ND					
02/25/1999	FMETL	1.78	ND	ND	ND	ND					
06/29/1999	FMETL	ND	ND	ND	2.50	ND					
09/21/1999	FMETL	1.91	ND	ND	ND	ND					
12/09/1999	FMETL	ND	ND	ND	25.08	ND					
03/01/2000	FMETL	2.17	ND	ND	ND	ND					
06/12/2000	FMETL	ND	ND	ND	ND	ND					
08/24/2000	FMETL	1.11	ND	ND	ND	ND					
11/20/2000	FMETL	ND	ND	ND	ND	ND					-
11/20/2000D	FMETL	ND	ND	ND	ND	ND					-
02/21/2001	FMETL	1.72	ND	ND	ND	ND					-
05/16/2001	FMETL	ND	ND	ND	ND	ND					-
09/11/2001	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	ND	ND	ND	ND	ND					-
02/11/2002	FMETL	ND	ND	ND	ND	ND					V
06/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2002	FMETL	1.24	ND	ND	ND	ND					V,P
03/13/2003	FMETL	9.40	ND	ND	ND	ND					V,P
05/21/2003	FMETL	1.48	ND	ND	ND	ND					V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2003	FMETL	8.75	ND	ND	ND	ND					V,P
03/17/2004	FMETL	1.36	ND	ND	ND	ND					V,P

SOURCE: 9

Sampling Dates:
04/08/1997 - 03/17/2004

NOTES:

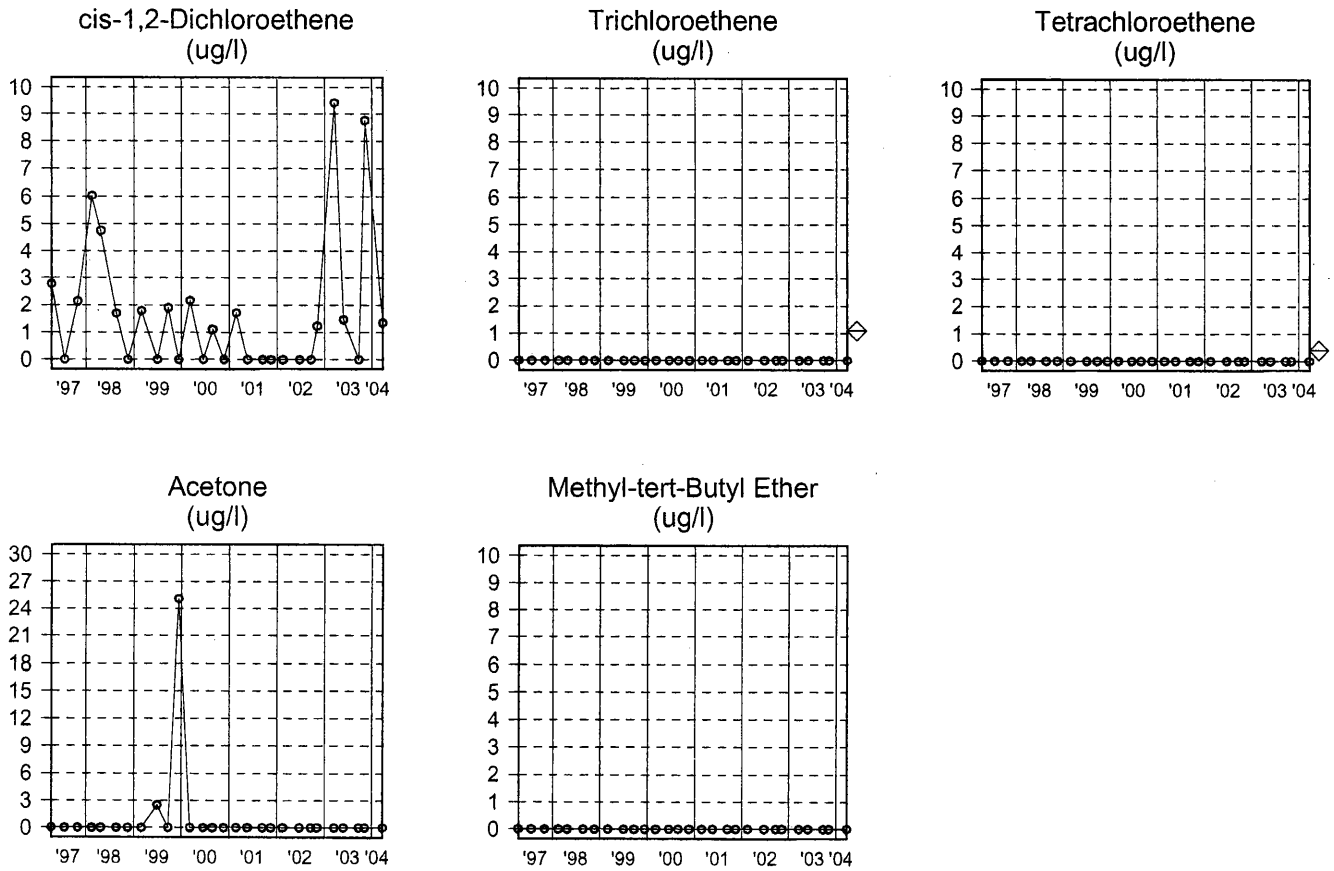
PAGE 1 OF 1
Stream 9 is Salt-Water.
MeCl limit is 1600 ug/L.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 5 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 9

Sampling Dates:
04/08/1997 - 03/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 5 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	-					-
04/08/1997	FMETL	18.72	1.58	ND	ND	ND					
07/17/1997	FMETL	14.13	ND	ND	ND	ND					
10/30/1997	FMETL	18.23	ND	ND	ND	ND					
02/10/1998	FMETL	24.71	2.14	ND	ND	ND					
04/21/1998	FMETL	21.66	1.82	ND	ND	ND					
08/19/1998	FMETL	11.73	ND	ND	ND	ND					
11/18/1998	FMETL	8.82	ND	ND	ND	ND					
02/25/1999	FMETL	9.11	ND	ND	ND	ND					
06/29/1999	FMETL	5.77	ND	ND	ND	ND					
09/21/1999	FMETL	15.62	ND	ND	ND	ND					
12/09/1999	FMETL	11.90	ND	ND	ND	ND					
03/01/2000	FMETL	11.01	ND	ND	ND	1.64					
06/12/2000	FMETL	8.03	ND	ND	ND	ND					
08/24/2000	FMETL	9.08	ND	ND	ND	ND					
08/24/2000D	FMETL	8.70	ND	ND	6.22	ND					
11/20/2000	FMETL	5.34	ND	ND	ND	ND					-
02/21/2001	FMETL	8.26	ND	ND	ND	ND					-
05/16/2001	FMETL	5.21	ND	ND	ND	ND					-
09/25/2001	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	1.93	ND	ND	ND	ND					-
02/11/2002	FMETL	1.05	ND	ND	ND	ND					V
06/18/2002	FMETL	3.08	ND	ND	ND	ND					V,P
09/18/2002	FMETL	4.17	ND	ND	ND	ND					V,P
11/05/2002	FMETL	7.48	ND	ND	ND	ND					V,P
03/13/2003	FMETL	24.28	0.67	ND	ND	0.79					V,P
05/21/2003	FMETL	14.79	ND	ND	ND	ND					V,P
09/17/2003	FMETL	7.79	ND	ND	ND	ND					V,P
11/04/2003	FMETL	8.75	ND	ND	ND	ND					V,P
03/17/2004	FMETL	8.14	0.46	ND	ND	ND					V,P

SOURCE: 11

Sampling Dates:
04/08/1997 - 03/17/2004

NOTES:

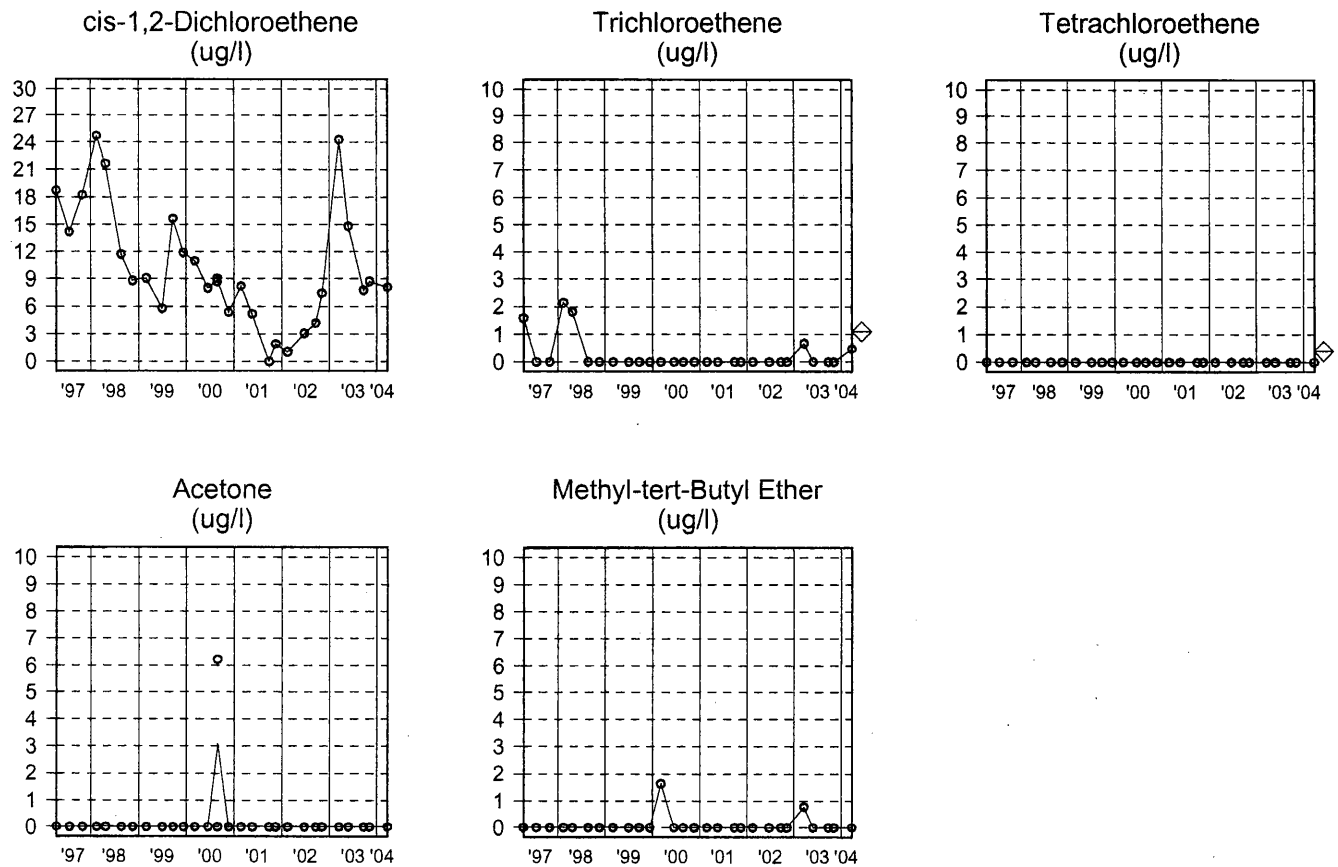
Page 1 of1
Stream 11 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09 ug/L.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 6 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 11

Sampling Dates:
04/08/1997 - 03/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 6 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	-					-
04/08/1997	FMETL	6.63	ND	ND	ND	ND					
07/17/1997	FMETL	ND	ND	ND	ND	ND					
10/30/1997	FMETL	5.67	ND	ND	ND	ND					
02/10/1998	FMETL	6.54	ND	ND	ND	ND					
04/21/1998	FMETL	ND	ND	ND	ND	ND					
08/19/1998	FMETL	4.58	ND	ND	ND	ND					
11/18/1998	FMETL	2.48	ND	ND	ND	ND					
02/25/1999	FMETL	1.80	ND	ND	ND	ND					
06/29/1999	FMETL	1.39	ND	ND	ND	ND					
09/21/1999	FMETL	3.67	ND	ND	9.54	ND					
12/09/1999	FMETL	2.74	ND	ND	ND	ND					
03/01/2000	FMETL	3.13	ND	ND	ND	ND					
06/12/2000	FMETL	ND	ND	ND	ND	ND					
08/24/2000	FMETL	2.00	ND	ND	ND	ND					
11/20/2000	FMETL	1.87	ND	ND	ND	ND					-
02/21/2001	FMETL	1.89	ND	ND	ND	ND					-
05/16/2001	FMETL	1.66	ND	ND	ND	ND					-
05/16/2001D	FMETL	1.72	ND	ND	ND	ND					-
09/11/2001	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	ND	ND	ND	ND	ND					-
02/11/2002	FMETL	ND	ND	ND	ND	ND					V
06/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/05/2002	FMETL	5.16	ND	ND	ND	ND					V,P
03/13/2003	FMETL	9.43	ND	ND	ND	1.18					V,P
05/21/2003	FMETL	3.90	ND	ND	ND	ND					V,P
09/17/2003	FMETL	2.91	ND	ND	ND	ND					V,P
11/04/2003	FMETL	5.34	ND	ND	ND	ND					V,P
03/17/2004	FMETL	1.53	ND	ND	ND	ND					V,P

SOURCE: 12

Sampling Dates:
04/08/1997 - 03/17/2004

NOTES:

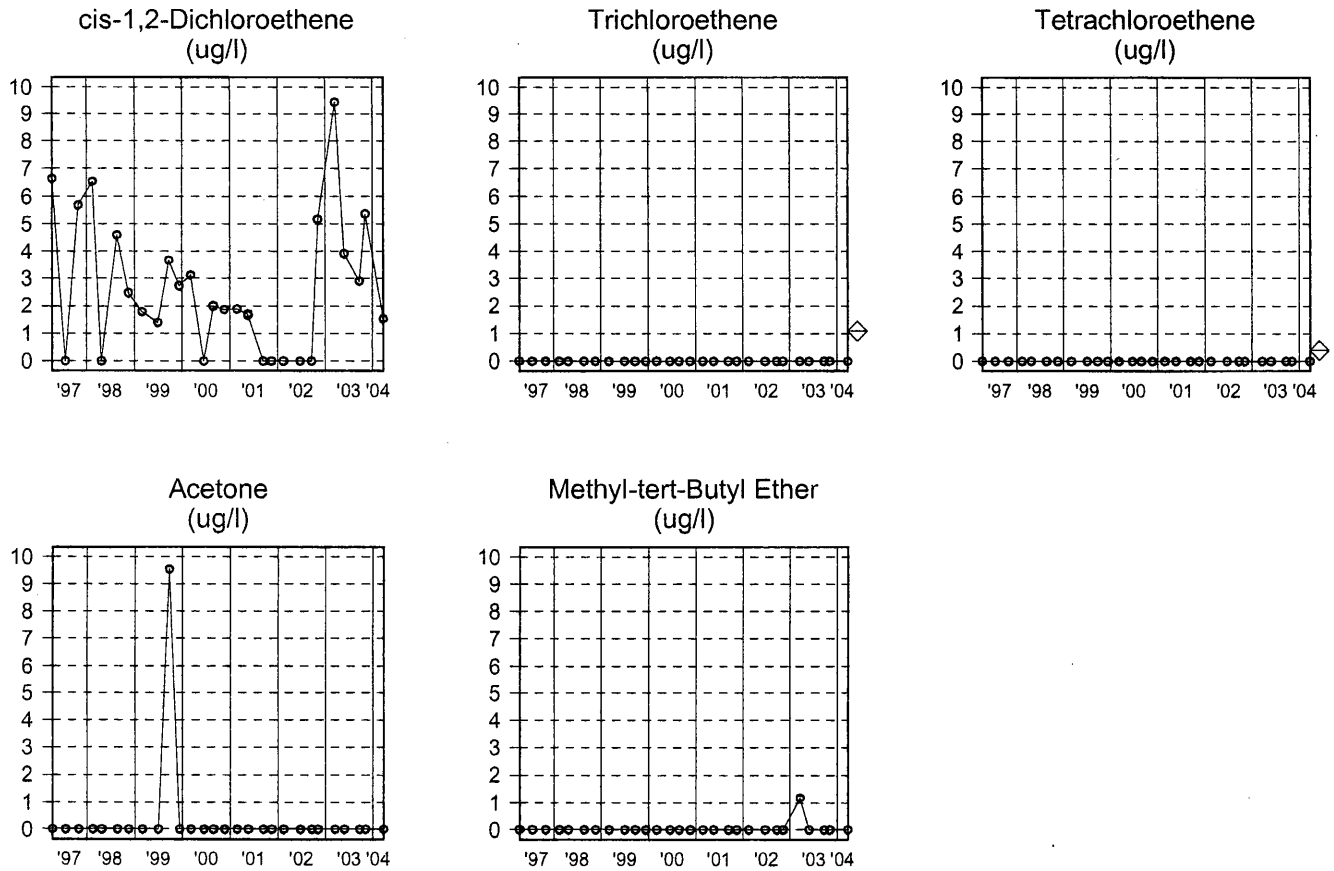
Page 1 of 1
Stream 12 is Fresh-Water.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 7 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 12

Sampling Dates:
04/08/1997 - 03/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 7 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	-					-
04/08/1997	FMETL	ND	ND	ND	2.81	ND					
07/17/1997	FMETL	ND	ND	ND	ND	ND					
10/30/1997	FMETL	ND	ND	ND	ND	ND					
02/10/1998	FMETL	ND	ND	ND	ND	ND					
04/21/1998	FMETL	ND	ND	ND	ND	ND					
08/19/1998	FMETL	ND	ND	ND	ND	ND					
11/18/1998	FMETL	ND	ND	ND	ND	ND					
02/25/1999	FMETL	ND	ND	ND	ND	ND					
06/29/1999	FMETL	ND	ND	ND	ND	ND					
09/22/1999	FMETL	ND	ND	ND	ND	ND					
12/09/1999	FMETL	ND	ND	3.94	ND	ND					
03/01/2000	FMETL	1.35	1.40	6.92	ND	2.40					
06/12/2000	FMETL	ND	ND	5.56	ND	ND					
08/24/2000	FMETL	2.17	1.78	5.40	ND	ND					
11/20/2000	FMETL	ND	ND	6.58	ND	ND					-
02/21/2001	FMETL	ND	ND	ND	ND	ND					-
05/16/2001	FMETL	ND	ND	ND	ND	ND					-
09/25/2001	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	ND	ND	ND	ND	ND					-
02/11/2002	FMETL	ND	ND	ND	ND	ND					V
06/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/05/2002	FMETL	ND	ND	1.46	ND	ND					V,P
03/24/2003	FMETL	ND	ND	ND	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND					V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2003	FMETL	ND	ND	ND	ND	907.66					V,P
03/17/2004	FMETL	ND	ND	ND	0.57	ND					V,P

SOURCE: 13

Sampling Dates:
04/08/1997 - 03/17/2004

NOTES:

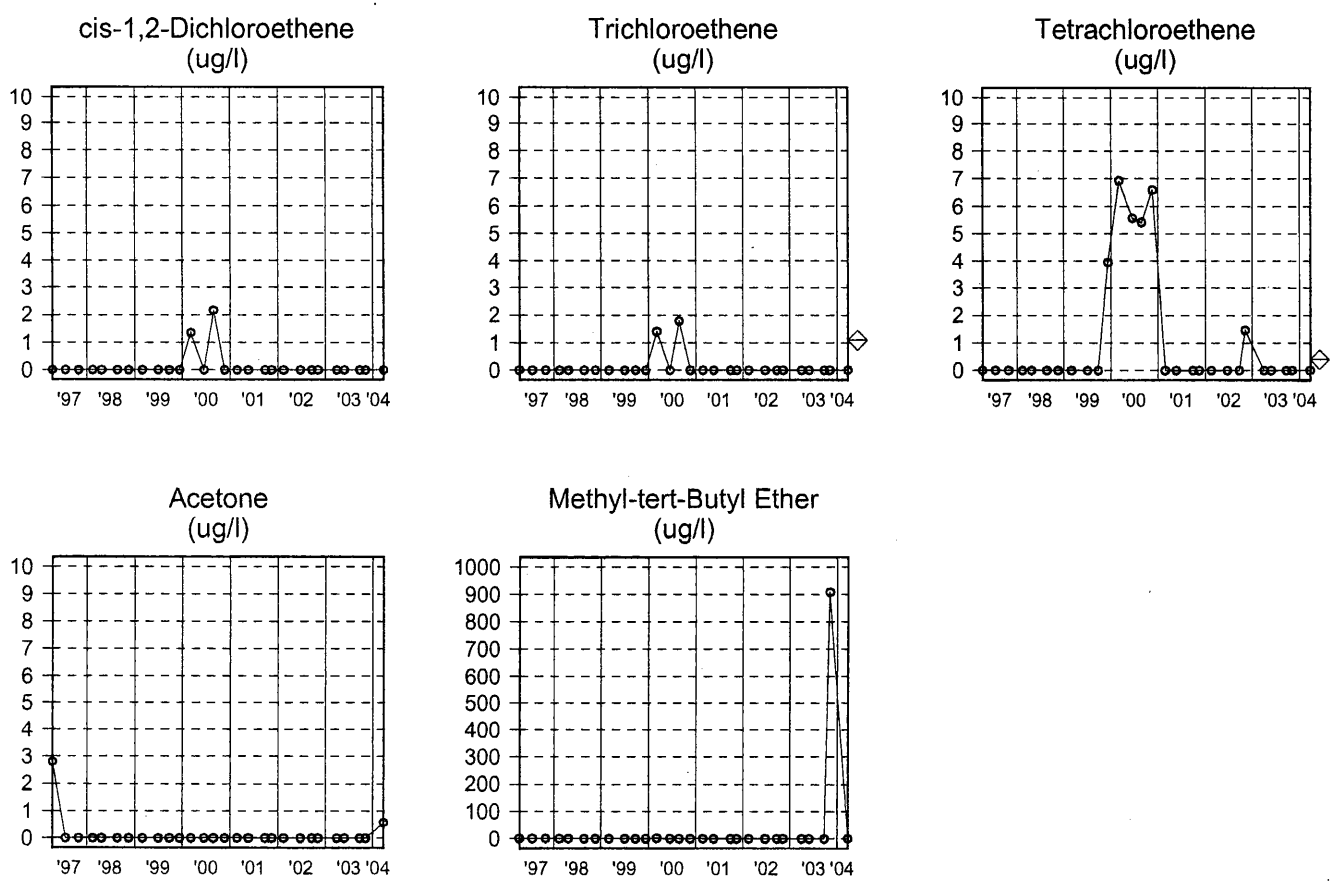
Page 1 of 1
Stream 13 is Fresh-Water.
MeCl limit is 2.49 ug/L.
cis-1,2-Di limit is NLE.
TCE limit is 1.09.
PCE limit is 0.388 ug/L.
Acetone limit is NLE.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 8 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 13

Sampling Dates:
04/08/1997 - 03/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 8 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	-					-
04/08/1997	FMETL	ND	ND	ND	3.94	ND					
07/17/1997	FMETL	ND	ND	ND	ND	ND					
10/30/1997	FMETL	1.59	1.75	ND	ND	ND					
02/10/1998	FMETL	ND	ND	ND	ND	ND					
04/21/1998	FMETL	ND	ND	ND	ND	ND					
08/19/1998	FMETL	ND	ND	ND	ND	ND					
11/18/1998	FMETL	ND	ND	ND	3.32	ND					
02/25/1999	FMETL	ND	ND	ND	ND	ND					
06/29/1999	FMETL	ND	ND	ND	ND	ND					
09/22/1999	FMETL	ND	ND	ND	ND	ND					
12/09/1999	FMETL	11.26	ND	ND	ND	ND					
03/01/2000	FMETL	ND	ND	ND	ND	ND					
06/12/2000	FMETL	ND	ND	ND	ND	ND					
08/24/2000	FMETL	ND	ND	ND	ND	ND					
11/20/2000	FMETL	ND	ND	ND	ND	ND					-
03/08/2001	FMETL	ND	ND	ND	ND	ND					-
03/08/2001D	FMETL	ND	ND	ND	ND	ND					-
05/16/2001	FMETL	ND	ND	ND	ND	ND					-
09/25/2001	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	ND	ND	ND	ND	ND					-
02/11/2002	FMETL	ND	ND	ND	ND	ND					V
06/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/05/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/24/2003	FMETL	ND	ND	ND	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND					V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2003	FMETL	ND	ND	ND	ND	ND					V,P
03/17/2004	FMETL	ND	ND	ND	0.98	ND					V,P

SOURCE: 14

Sampling Dates:
04/08/1997 - 03/17/2004

NOTES:

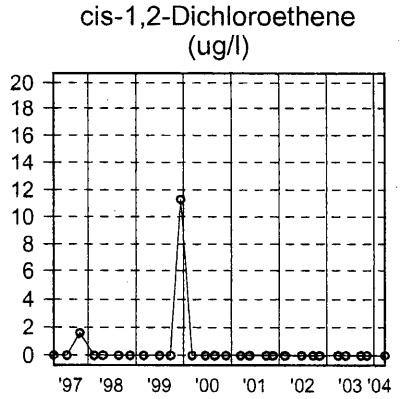
Page 1 of 1
Stream 14 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09.
Acetone limit is NLE.

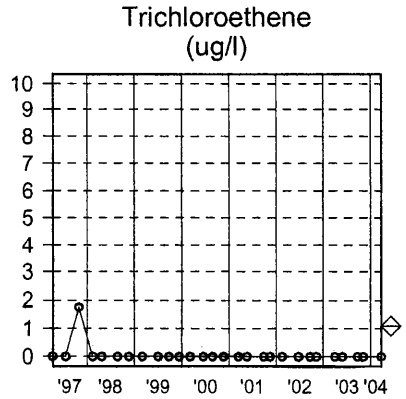
Fort Monmouth

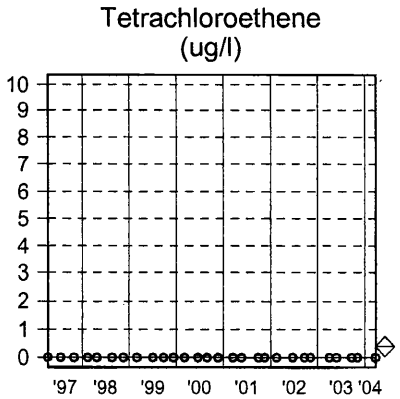
GW Monitoring
Streams

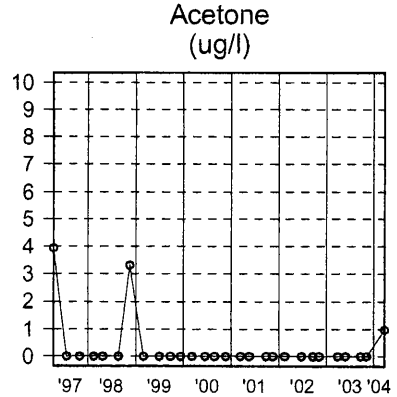
Source 9 of 23

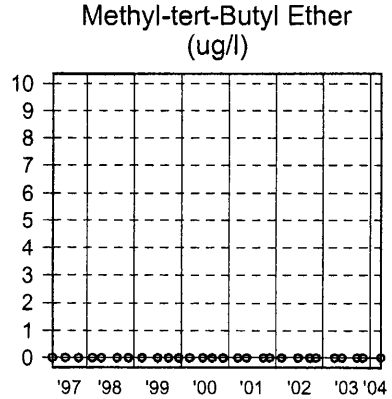
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 14

Sampling Dates:
04/08/1997 - 03/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 9 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	-					-
04/08/1997	FMETL	2.69	1.60	6.00	ND	ND					
07/17/1997	FMETL	5.53	2.50	7.12	ND	ND					
10/30/1997	FMETL	2.57	ND	2.72	ND	ND					
02/10/1998	FMETL	ND	1.03	6.90	ND	ND					
04/21/1998	FMETL	1.22	1.21	5.72	ND	ND					
08/19/1998	FMETL	3.89	2.06	5.39	ND	ND					
11/18/1998	FMETL	ND	ND	ND	ND	ND					
02/25/1999	FMETL	ND	ND	7.33	ND	ND					
06/29/1999	FMETL	4.17	2.40	7.86	ND	ND					
09/21/1999	FMETL	3.59	1.37	2.61	ND	ND					
12/09/1999	FMETL	ND	ND	4.08	ND	ND					
03/01/2000	FMETL	1.39	1.39	6.95	ND	2.38					
06/12/2000	FMETL	ND	ND	5.94	ND	ND					
08/24/2000	FMETL	2.02	1.09	5.20	ND	ND					
11/20/2000	FMETL	ND	ND	6.29	ND	ND					-
02/21/2001	FMETL	ND	ND	7.19	ND	ND					-
05/16/2001	FMETL	1.50	ND	6.64	ND	ND					-
09/25/2001	FMETL	ND	ND	ND	ND	ND					-
09/25/2001D	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	3.09	ND	3.49	ND	ND					-
02/11/2002	FMETL	ND	ND	2.65	ND	ND					V
06/18/2002	FMETL	1.63	ND	2.67	ND	ND					V,P
09/18/2002	FMETL	2.39	ND	2.55	ND	ND					V,P
11/05/2002	FMETL	ND	ND	1.52	ND	ND					V,P
03/24/2003	FMETL	1.44	1.11	3.96	ND	ND					V,P
05/21/2003	FMETL	1.89	ND	3.84	ND	ND					V,P
09/17/2003	FMETL	1.64	ND	1.60	ND	ND					V,P
11/04/2003	FMETL	1.71	0.53	1.49	ND	535.08					V,P
03/17/2004	FMETL	0.55	0.55	2.26	0.69	ND					V,P

SOURCE: 15

Sampling Dates:
04/08/1997 - 03/17/2004

NOTES:

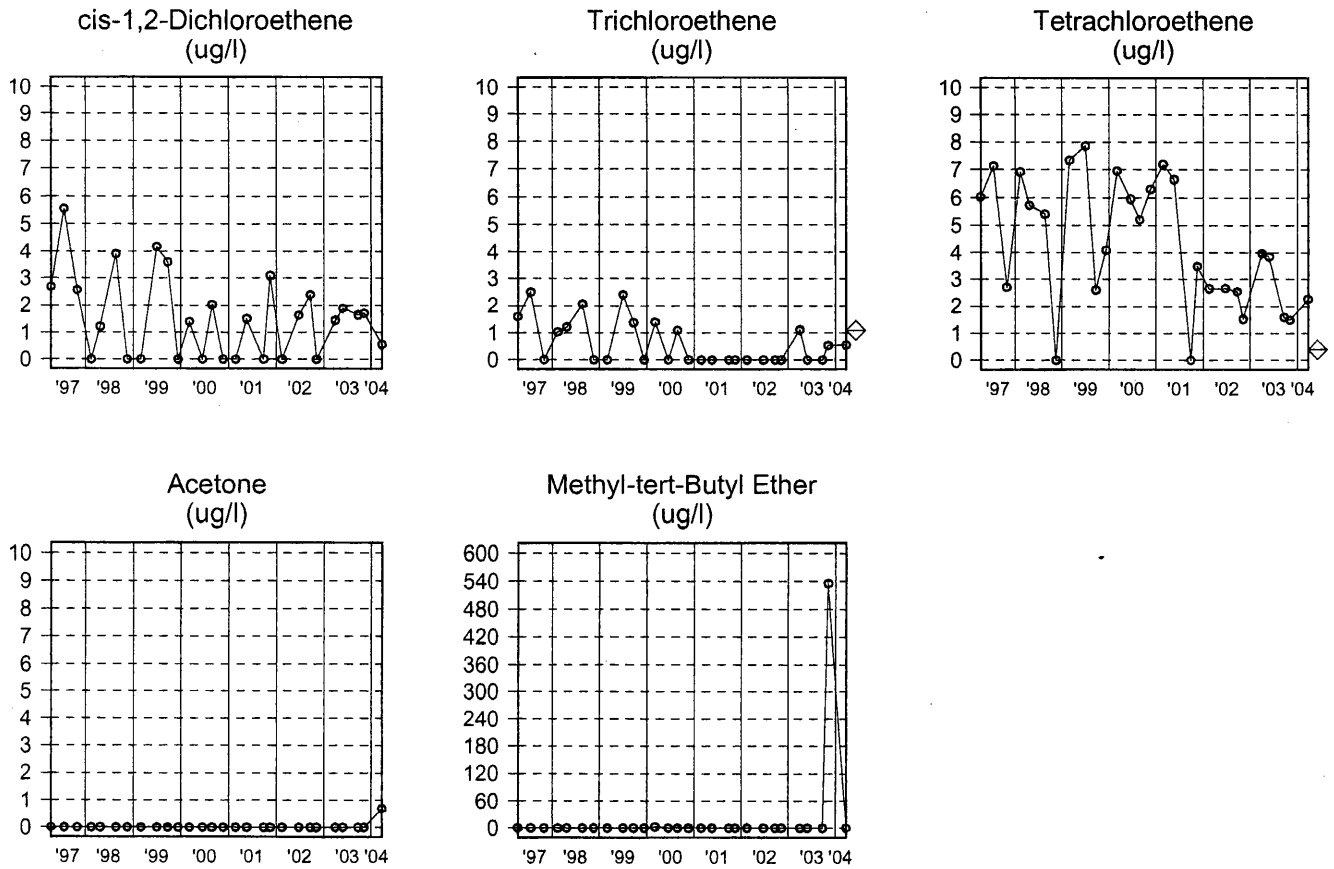
Page 1 of 1
Stream 15 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09 ug/L.
PCE limit is 0.388 ug/L.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 10 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 15

Sampling Dates:
04/08/1997 - 03/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 10 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	-					-
04/08/1997	FMETL	2.05	1.26	4.47	ND	ND					
07/17/1997	FMETL	2.55	ND	4.72	ND	ND					
10/30/1997	FMETL	1.76	ND	1.86	ND	ND					
02/10/1998	FMETL	ND	ND	6.23	ND	ND					
04/21/1998	FMETL	ND	ND	4.58	ND	ND					
08/19/1998	FMETL	2.94	1.63	4.33	ND	ND					
11/18/1998	FMETL	ND	ND	1.48	ND	ND					
02/25/1999	FMETL	ND	ND	6.06	ND	ND					
06/29/1999	FMETL	3.56	2.25	7.70	ND	ND					
09/22/1999	FMETL	2.74	ND	2.63	ND	ND					
12/09/1999	FMETL	1.79	ND	4.13	ND	ND					
03/01/2000	FMETL	1.28	1.27	6.47	ND	2.33					
06/12/2000	FMETL	ND	ND	3.74	ND	ND					
08/24/2000	FMETL	1.68	1.28	4.47	ND	ND					
11/20/2000	FMETL	ND	ND	4.49	ND	ND					-
02/21/2001	FMETL	ND	ND	6.25	ND	ND					-
05/16/2001	FMETL	1.23	ND	4.91	ND	ND					-
09/25/2001	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	1.41	ND	2.00	ND	ND					-
02/11/2002	FMETL	ND	ND	2.47	ND	ND					V
06/18/2002	FMETL	1.35	ND	2.46	ND	ND					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/05/2002	FMETL	ND	ND	1.49	ND	ND					V,P
03/13/2003	FMETL	0.90	0.74	3.21	ND	ND					V,P
05/21/2003	FMETL	1.85	ND	3.68	ND	ND					V,P
09/17/2003	FMETL	1.79	ND	1.70	ND	ND					V,P
11/04/2003	FMETL	1.31	ND	ND	ND	497.62					V,P
03/17/2004	FMETL	0.54	0.56	2.26	0.67	0.29					V,P

SOURCE: 16

Sampling Dates:
04/08/1997 - 03/17/2004

NOTES:

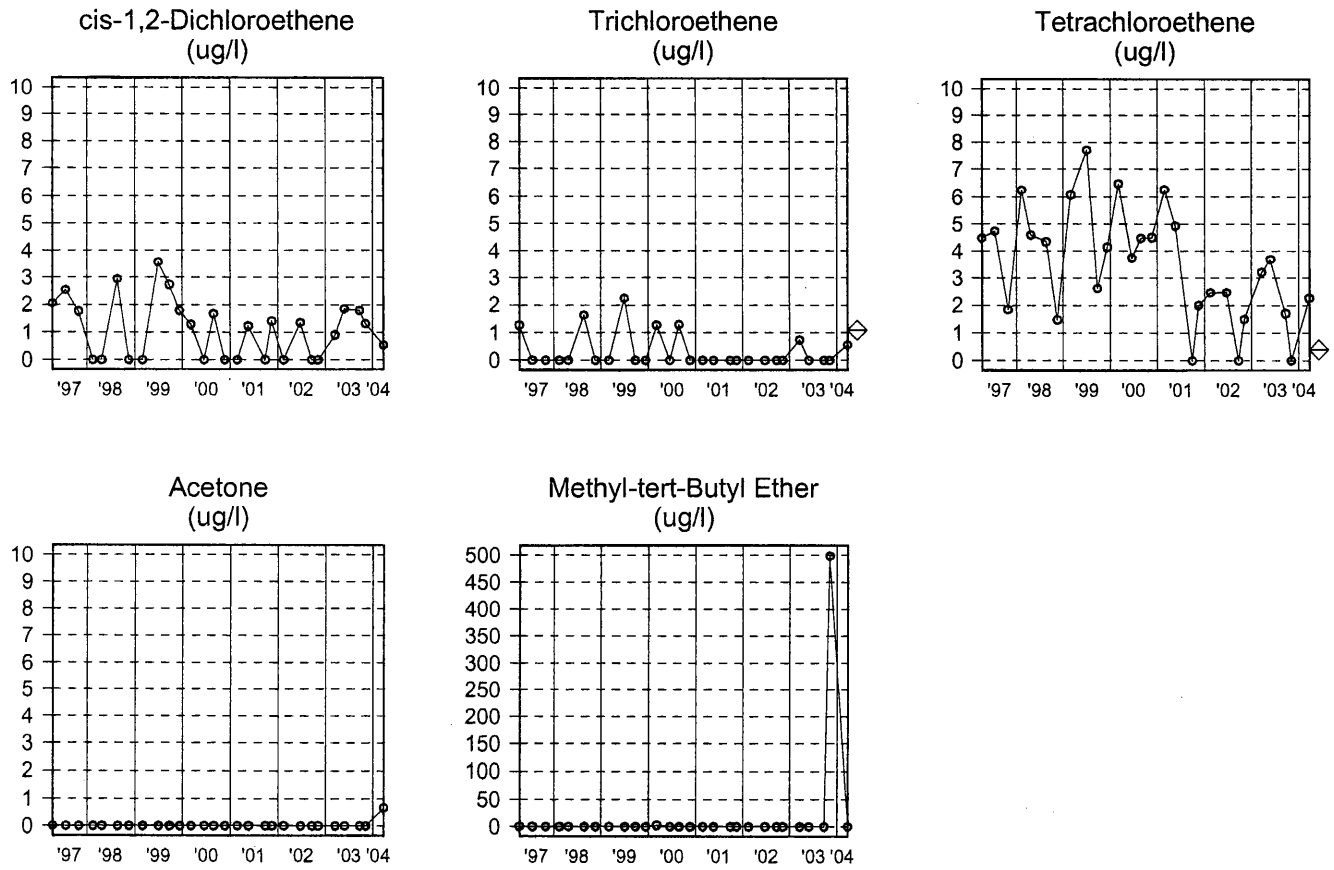
Page 1 of 1
Stream 16 is Salt-Water.
cis-1,2-di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 11 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 16

Sampling Dates:
04/08/1997 - 03/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 11 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	-					-
04/08/1997	FMETL	ND	ND	ND	1.97	ND					
07/17/1997	FMETL	ND	ND	ND	ND	ND					
10/30/1997	FMETL	ND	ND	ND	ND	ND					
02/10/1998	FMETL	ND	ND	ND	ND	ND					
04/21/1998	FMETL	ND	ND	ND	ND	ND					
08/19/1998	FMETL	ND	ND	ND	ND	ND					
11/18/1998	FMETL	4.43	2.12	5.09	ND	ND					
02/25/1999	FMETL	ND	ND	ND	ND	ND					
06/29/1999	FMETL	ND	ND	ND	ND	ND					
09/22/1999	FMETL	1.09	ND	ND	ND	ND					
12/09/1999	FMETL	ND	ND	ND	ND	ND					
03/01/2000	FMETL	ND	ND	ND	ND	ND					
06/12/2000	FMETL	ND	ND	ND	ND	ND					
08/24/2000	FMETL	ND	ND	ND	ND	ND					
11/20/2000	FMETL	ND	ND	ND	ND	ND					-
03/08/2001	FMETL	ND	ND	ND	ND	ND					-
05/16/2001	FMETL	ND	ND	ND	ND	ND					-
09/25/2001	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	ND	ND	ND	ND	ND					-
02/11/2002	FMETL	ND	ND	ND	ND	ND					V
06/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/24/2003	FMETL	ND	ND	ND	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND					V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2003	FMETL	ND	ND	ND	ND	3.58					V,P
03/17/2004	FMETL	ND	ND	ND	1.36	ND					V,P

SOURCE: 17

Sampling Dates:
04/08/1997 - 03/17/2004

NOTES:

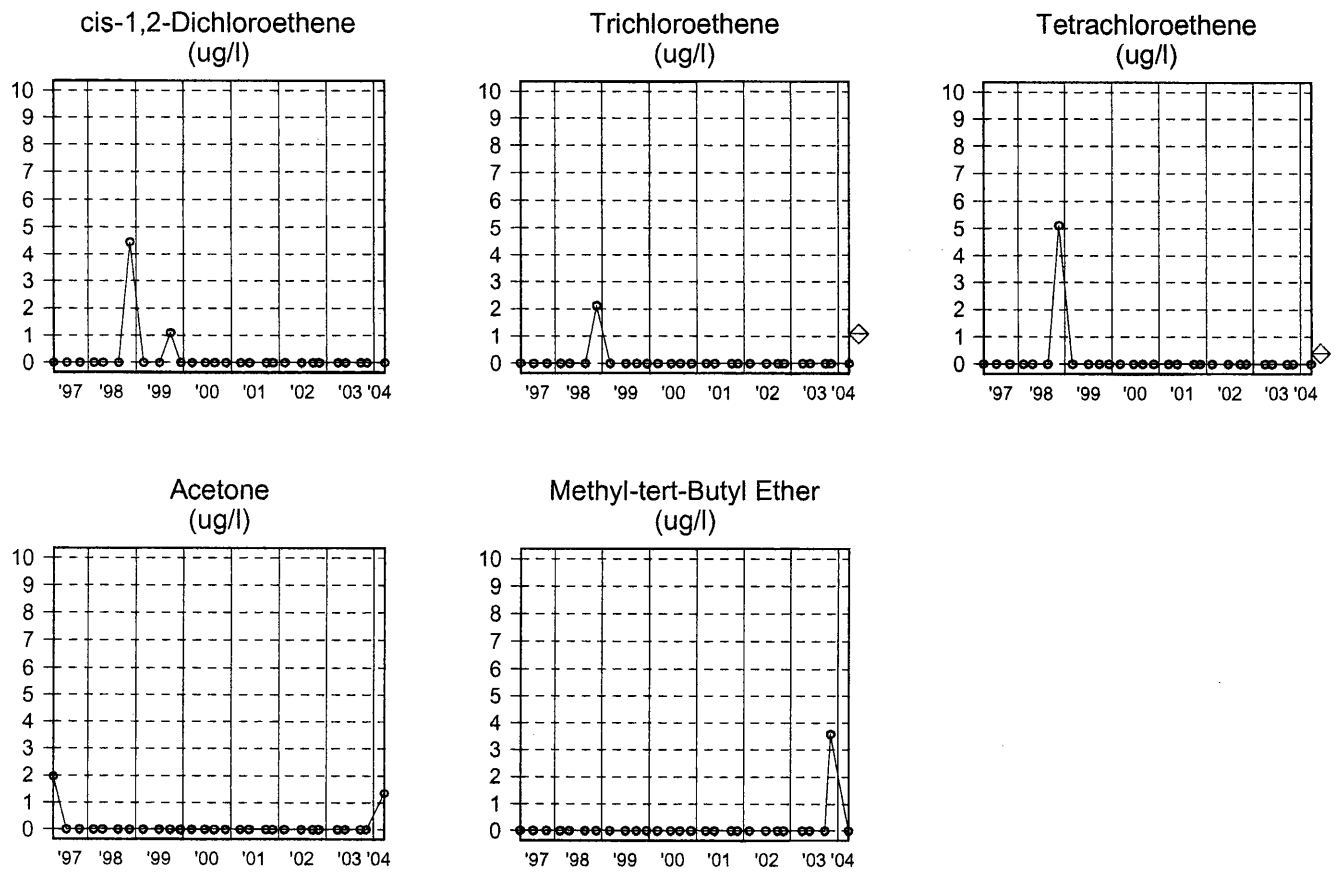
Page 1 of 1
stream 17 is Salt-Water.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
Acetone limit is NLE.
Chlorobenzene limit is 21000 ug/L.

Fort Monmouth

GW Monitoring
Streams

Source 12 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 17

Sampling Dates:
04/08/1997 - 03/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 12 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	-					-
04/08/1997	FMETL	ND	ND	ND	ND	ND					
07/17/1997	FMETL	1.06	ND	ND	ND	ND					
10/30/1997	FMETL	5.87	ND	ND	ND	ND					
02/10/1998	FMETL	14.36	ND	ND	ND	ND					
04/21/1998	FMETL	ND	ND	ND	ND	ND					
08/19/1998	FMETL	4.65	ND	ND	ND	ND					
11/18/1998	FMETL	3.18	ND	ND	ND	ND					
02/25/1999	FMETL	3.95	ND	ND	ND	ND					
06/29/1999	FMETL	1.47	ND	ND	ND	ND					
09/21/1999	FMETL	4.67	ND	ND	ND	ND					
12/09/1999	FMETL	4.90	ND	ND	ND	ND					
03/01/2000	FMETL	5.57	ND	ND	ND	ND					
06/12/2000	FMETL	ND	ND	ND	ND	ND					
08/24/2000	FMETL	2.46	ND	ND	15.24	ND					
11/20/2000	FMETL	1.80	ND	ND	ND	ND					-
02/21/2001	FMETL	4.10	ND	ND	ND	ND					-
05/16/2001	FMETL	1.45	ND	ND	ND	ND					-
09/11/2001	FMETL	ND	ND	ND	ND	ND					-
09/11/2001D	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	ND	ND	ND	ND	ND					-
02/11/2002	FMETL	ND	ND	ND	ND	ND					V
06/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/05/2002	FMETL	5.14	ND	ND	ND	ND					V,P
03/13/2003	FMETL	17.75	0.52	ND	ND	0.67					V,P
05/21/2003	FMETL	3.92	ND	ND	ND	ND					V,P
09/17/2003	FMETL	2.89	ND	ND	ND	ND					V,P
11/04/2003	FMETL	5.41	ND	ND	ND	ND					V,P
03/17/2004	FMETL	1.49	ND	ND	ND	ND					V,P

SOURCE: 18

Sampling Dates:
04/08/1997 - 03/17/2004

NOTES:

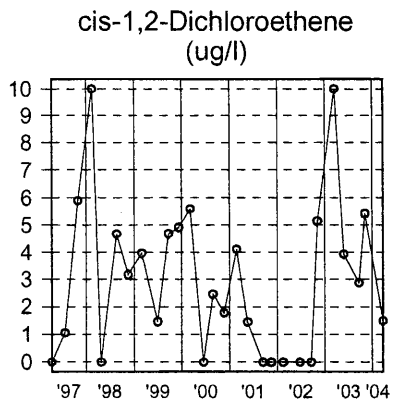
Page 1 of 1
Stream 18 is Fresh-Water.
cis-1,2-Di limit is NLE.

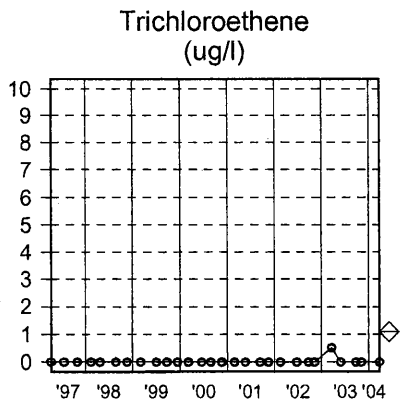
Fort Monmouth

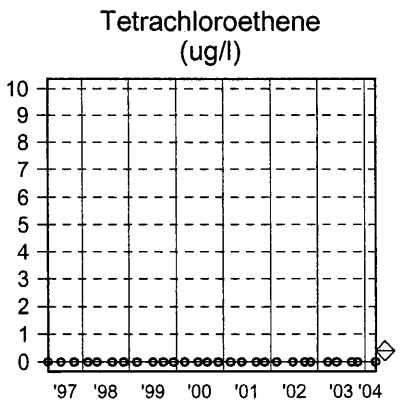
GW Monitoring
Streams

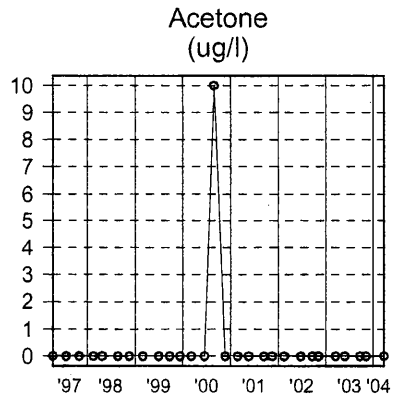
Source 13 of 23

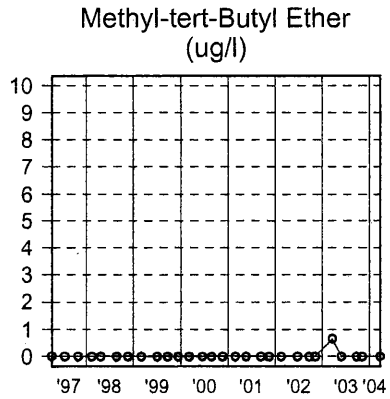
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 18

Sampling Dates:
04/08/1997 - 03/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 13 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	-					-
04/08/1997	FMETL	6.44	ND	ND	ND	ND					
07/17/1997	FMETL	ND	ND	ND	ND	ND					
10/30/1997	FMETL	4.69	ND	ND	ND	ND					
02/10/1998	FMETL	8.22	ND	ND	ND	ND					
04/21/1998	FMETL	6.86	ND	ND	ND	ND					
08/19/1998	FMETL	2.95	ND	ND	ND	ND					
11/17/1998	FMETL	2.3	ND	ND	ND	ND					
02/25/1999	FMETL	2.30	ND	ND	ND	ND					
06/29/1999	FMETL	ND	ND	ND	ND	ND					
09/21/1999	FMETL	3.53	ND	ND	ND	ND					
12/09/1999	FMETL	2.60	ND	ND	ND	ND					
03/01/2000	FMETL	2.92	ND	ND	ND	ND					
06/12/2000	FMETL	ND	ND	ND	ND	ND					
08/24/2000	FMETL	2.07	ND	ND	ND	ND					
11/20/2000	FMETL	ND	ND	ND	ND	ND					-
02/21/2001	FMETL	2.99	ND	ND	ND	ND					-
02/21/2001D	FMETL	3.87	ND	ND	ND	ND					-
05/16/2001	FMETL	1.57	ND	ND	ND	ND					-
09/11/2001	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	ND	ND	ND	ND	ND					-
02/11/2002	FMETL	ND	ND	ND	ND	ND					V
06/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2002	FMETL	2.69	ND	ND	ND	ND					V,P
03/13/2003	FMETL	13.43	0.44	ND	ND	ND					V,P
05/21/2003	FMETL	3.07	ND	ND	ND	ND					V,P
09/17/2003	FMETL	1.72	ND	ND	ND	ND					V,P
11/04/2003	FMETL	4.00	ND	ND	ND	ND					V,P
03/17/2004	FMETL	1.72	ND	ND	ND	ND					V,P

SOURCE: 19

Sampling Dates:
04/08/1997 - 03/17/2004

NOTES:

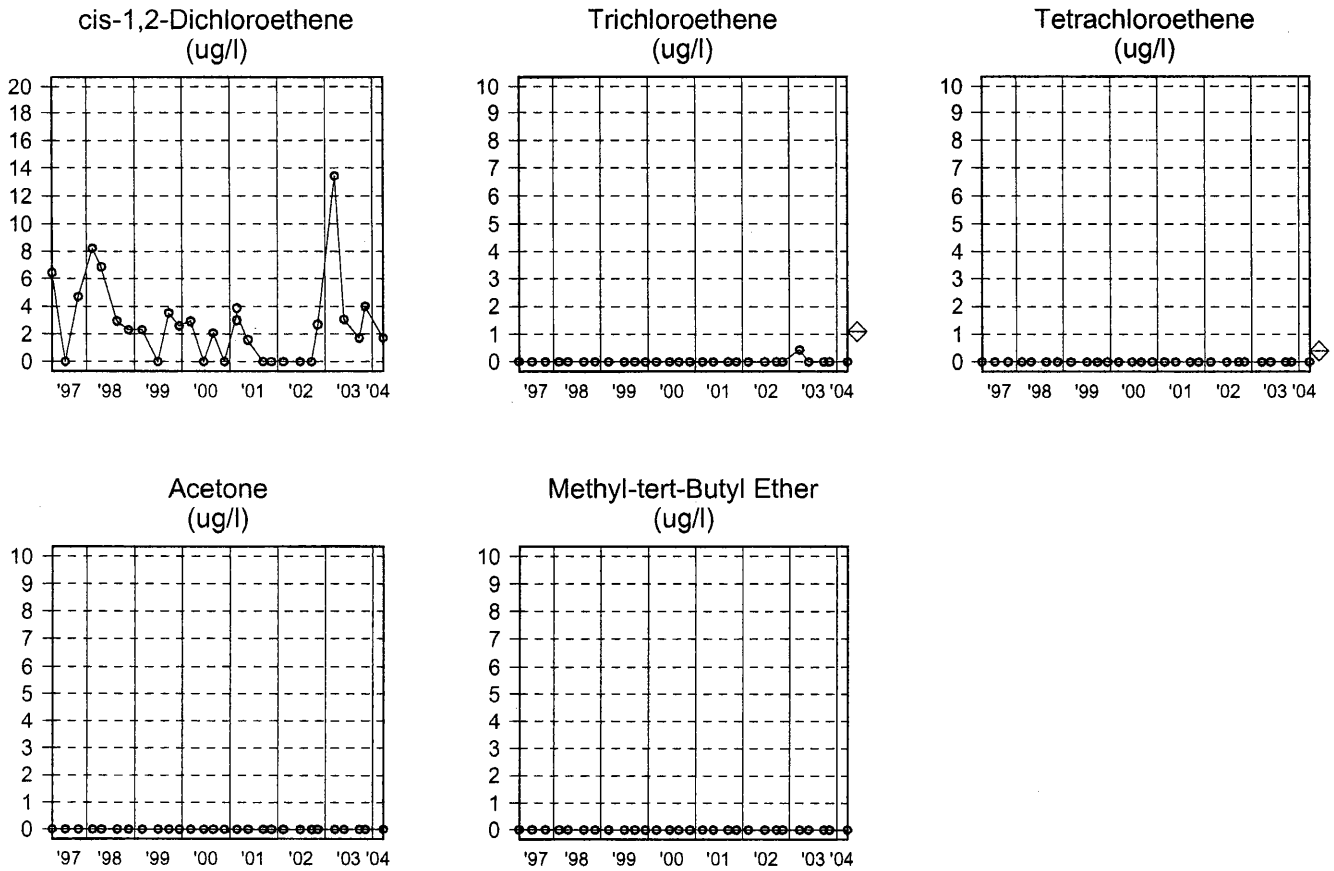
Page 1 of 1
Stream 19 is Salt-Water.
cis-1,2-Di limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 14 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 19

Sampling Dates:
04/08/1997 - 03/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 14 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	-					-
04/08/1997	FMETL	ND	ND	ND	ND	ND					
07/17/1997	FMETL	ND	ND	ND	ND	2.63					
10/30/1997	FMETL	ND	ND	ND	ND	ND					
02/10/1998	FMETL	ND	ND	ND	ND	ND					
04/21/1998	FMETL	ND	ND	ND	ND	ND					
08/19/1998	FMETL	ND	ND	ND	ND	4.85					
11/17/1998	FMETL	ND	ND	ND	ND	ND					
02/25/1999	FMETL	ND	ND	ND	ND	ND					
06/29/1999	FMETL	ND	ND	ND	ND	5.70					
09/21/1999	FMETL	ND	ND	ND	ND	2.10					
12/09/1999	FMETL	ND	ND	ND	ND	ND					
03/01/2000	FMETL	ND	ND	ND	ND	ND					
06/12/2000	FMETL	ND	ND	ND	ND	6.38					
08/24/2000	FMETL	ND	ND	ND	ND	2.58					
11/20/2000	FMETL	ND	ND	ND	ND	ND					-
02/21/2001	FMETL	ND	ND	ND	ND	ND					-
05/16/2001	FMETL	ND	ND	ND	ND	ND					-
09/25/2001	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	ND	ND	ND	ND	ND					-
02/11/2002	FMETL	ND	ND	ND	ND	ND					V
06/18/2002	FMETL	ND	ND	ND	ND	1.26					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/13/2003	FMETL	ND	ND	0.64	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	ND	1.37					V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2003	FMETL	ND	ND	ND	ND	21.91					V,P
03/17/2004	FMETL	ND	ND	ND	1.28	ND					V,P

SOURCE: 20

Sampling Dates:
04/08/1997 - 03/17/2004

NOTES:

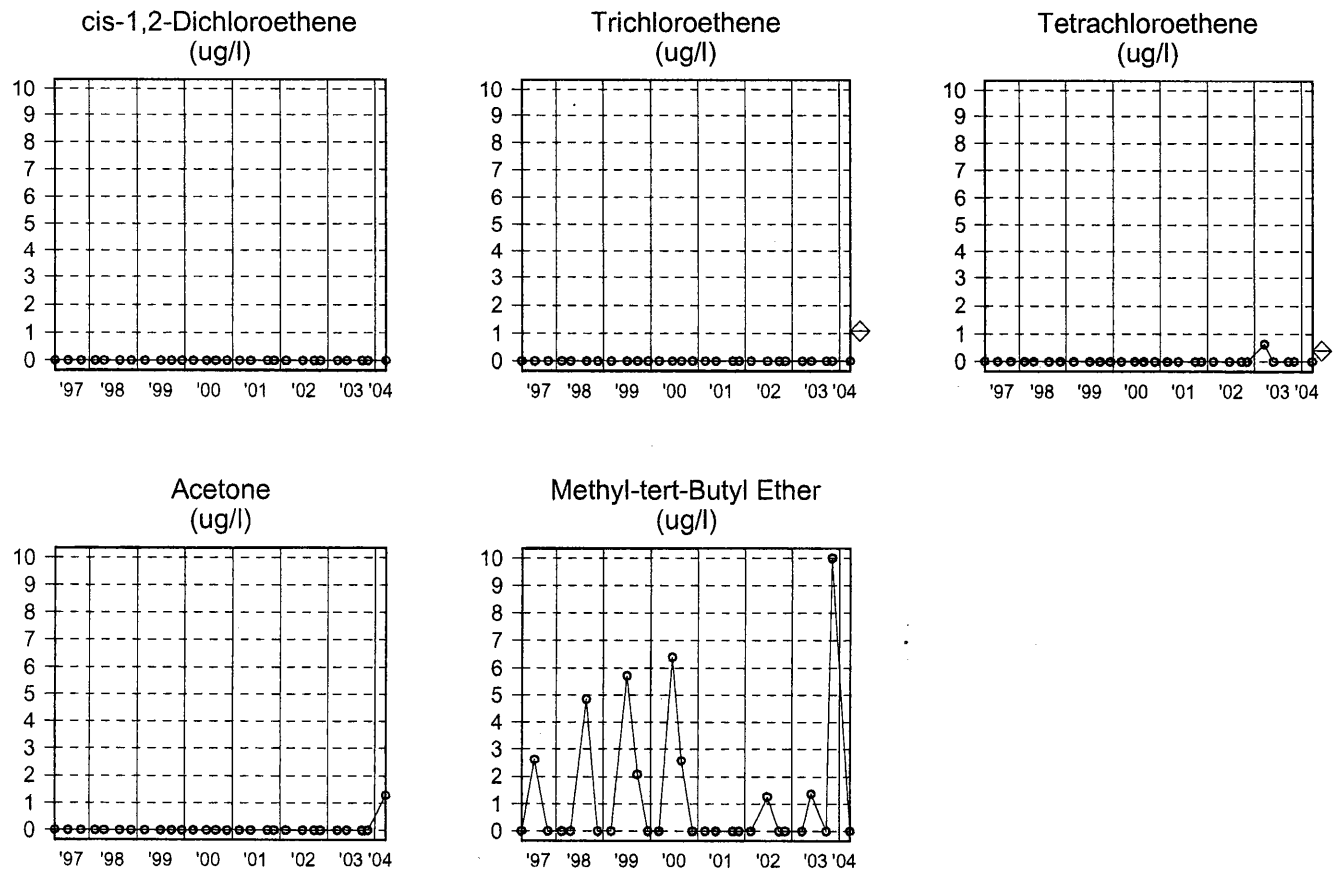
Page 1 of 1
Stream20 is Salt-Water.
Ethylben limit is 27900 ug/L.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 15 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 20

Sampling Dates:
04/08/1997 - 03/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 15 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	-					-
04/08/1997	FMETL	ND	ND	ND	ND	ND					
07/17/1997	FMETL	ND	ND	ND	ND	2.90					
10/30/1997	FMETL	ND	ND	ND	ND	ND					
02/10/1998	FMETL	ND	ND	ND	ND	ND					
04/21/1998	FMETL	ND	ND	ND	ND	ND					
08/19/1998	FMETL	ND	ND	ND	ND	4.71					
11/17/1998	FMETL	ND	ND	ND	ND	ND					
02/25/1999	FMETL	ND	ND	ND	ND	ND					
06/29/1999	FMETL	ND	ND	ND	ND	7.40					
09/21/1999	FMETL	1.17	ND	ND	ND	2.24					
12/09/1999	FMETL	ND	ND	ND	27.52	ND					
03/01/2000	FMETL	ND	ND	ND	ND	ND					
06/12/2000	FMETL	ND	ND	ND	ND	ND					
08/24/2000	FMETL	ND	ND	ND	4.56	2.67					
11/20/2000	FMETL	ND	ND	ND	ND	ND					-
02/21/2001	FMETL	ND	ND	ND	ND	ND					-
05/16/2001	FMETL	ND	ND	ND	ND	ND					-
09/11/2001	FMETL	ND	ND	ND	ND	1.76					-
11/14/2001	FMETL	ND	ND	ND	ND	ND					-
02/11/2002	FMETL	ND	ND	ND	ND	ND					V
06/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/13/2003	FMETL	ND	ND	0.63	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	ND	1.34					V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2003	FMETL	ND	ND	ND	ND	22.28					V,P
03/17/2004	FMETL	ND	ND	ND	1.35	ND					V,P

SOURCE: 21

Sampling Dates:
04/08/1997 - 03/17/2004

NOTES:

Page 1 of 1
Sream 21 is Salt-Water.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.
MTBE limit is NLE.

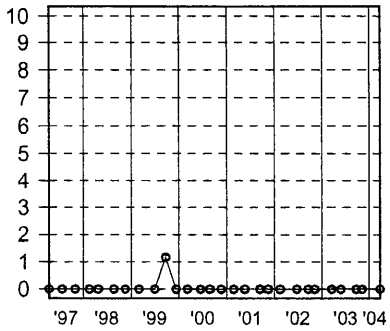
Fort Monmouth

GW Monitoring
Streams

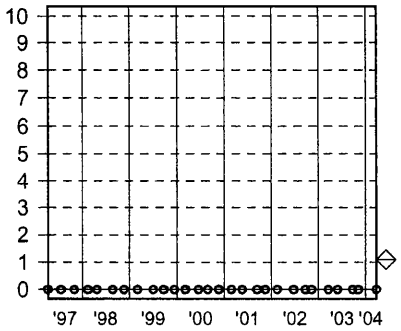
Source 16 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

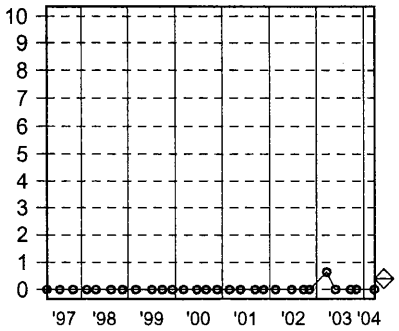
cis-1,2-Dichloroethene
(ug/l)



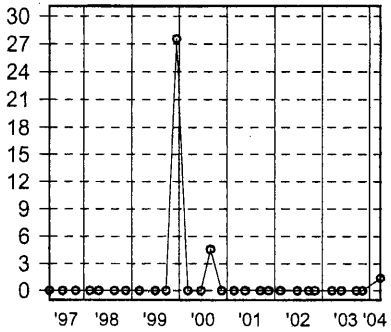
Trichloroethene
(ug/l)



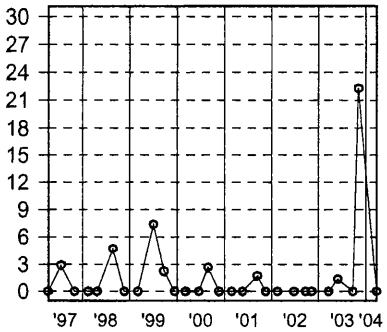
Tetrachloroethene
(ug/l)



Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



SOURCE: 21

Sampling Dates:
04/08/1997 - 03/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 16 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	-					-
04/08/1997	FMETL	ND	ND	ND	ND	ND					
07/17/1997	FMETL	ND	ND	ND	ND	4.26					
10/30/1997	FMETL	ND	ND	ND	ND	ND					
02/10/1998	FMETL	ND	ND	ND	ND	ND					
04/21/1998	FMETL	ND	ND	ND	ND	ND					
08/19/1998	FMETL	ND	ND	ND	ND	4.50					
11/17/1998	FMETL	ND	ND	ND	ND	ND					
02/25/1999	FMETL	ND	ND	ND	ND	ND					
06/29/1999	FMETL	ND	ND	ND	ND	8.30					
09/21/1999	FMETL	ND	ND	ND	ND	0.82					
12/09/1999	FMETL	ND	ND	ND	32.77	ND					
03/01/2000	FMETL	ND	ND	ND	ND	ND					
06/12/2000	FMETL	ND	ND	ND	ND	10.26					
06/12/2000D	FMETL	ND	ND	ND	ND	10.66					
08/24/2000	FMETL	ND	ND	ND	5.53	ND					
11/20/2000	FMETL	ND	ND	ND	ND	ND					-
02/21/2001	FMETL	ND	ND	ND	ND	ND					-
05/16/2001	FMETL	ND	ND	ND	ND	ND					V
09/11/2001	FMETL	ND	ND	ND	ND	3.53					-
11/14/2001	FMETL	ND	ND	ND	ND	ND					-
02/11/2002	FMETL	ND	ND	ND	ND	ND					V
06/18/2002	FMETL	ND	ND	ND	ND	2.12					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/13/2003	FMETL	1.57	ND	ND	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND					V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2003	FMETL	ND	ND	ND	2.43	5.33					V,P
03/17/2004	FMETL	1.37	ND	ND	ND	ND					V,P

SOURCE: 22

Sampling Dates:
04/08/1997 - 03/17/2004

NOTES:

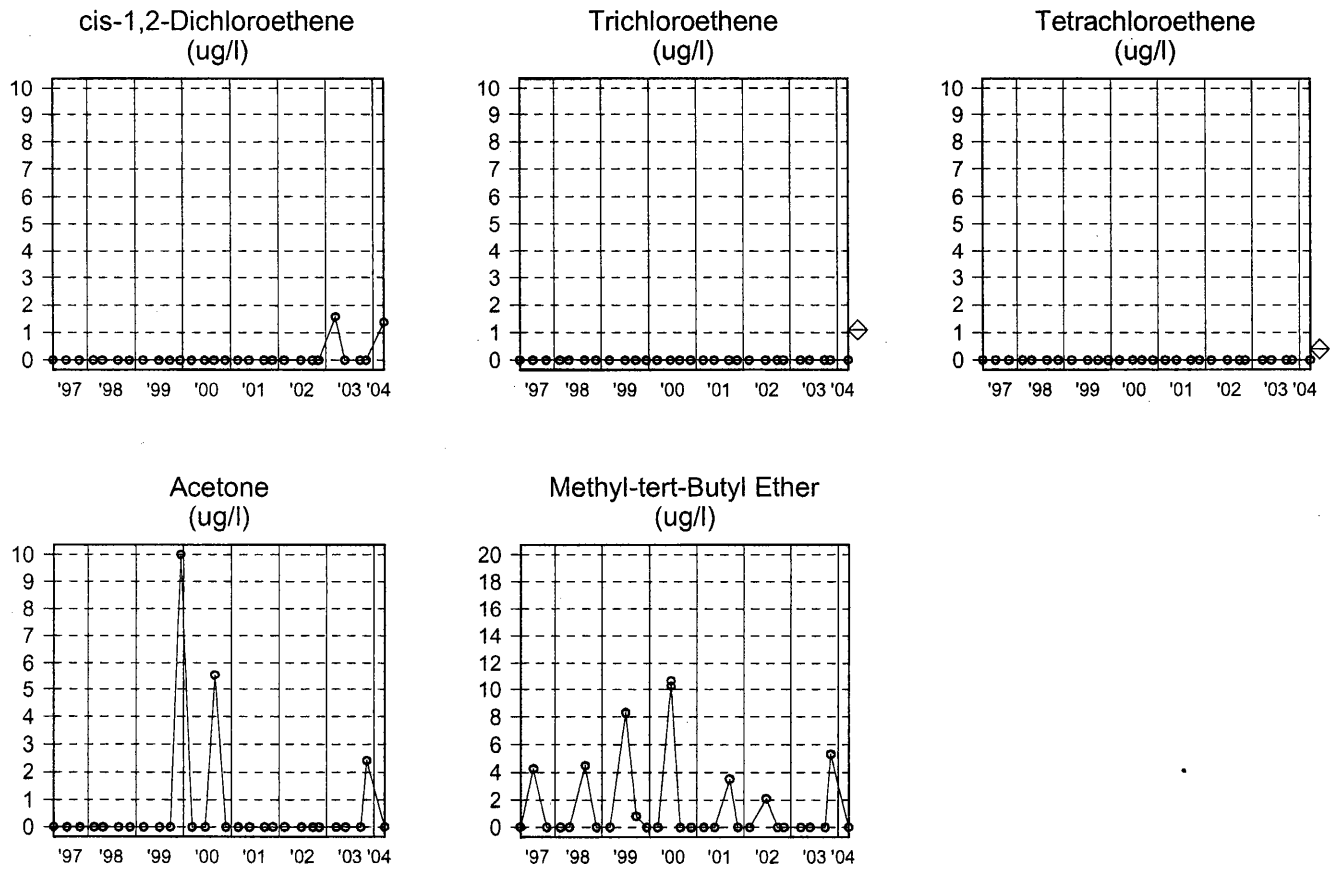
Page 1 of 1
Stream 22 is Salt-Water.
Acetone limit is NLE.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 17 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 22

Sampling Dates:
04/08/1997 - 03/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 17 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	-					-
06/12/2000	FMETL	ND	ND	5.60	ND	ND					
08/24/2000	FMETL	2.24	1.82	5.18	ND	ND					
11/20/2000	FMETL	ND	ND	6.29	ND	ND					-
03/08/2001	FMETL	ND	ND	4.78	ND	ND					-
05/16/2001	FMETL	1.73	ND	6.41	ND	ND					-
09/25/2001	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	3.23	ND	3.64	ND	ND					-
02/11/2002	FMETL	ND	ND	2.85	ND	ND					V
06/18/2002	FMETL	1.58	ND	2.88	ND	ND					V,P
09/18/2002	FMETL	2.49	ND	ND	ND	ND					V,P
11/05/2002	FMETL	ND	ND	1.44	ND	ND					V,P
03/24/2003	FMETL	1.41	1.05	4.01	ND	ND					V,P
05/21/2003	FMETL	2.03	ND	4.06	ND	ND					V,P
09/17/2003	FMETL	1.91	ND	1.77	ND	ND					V,P
11/04/2003	FMETL	1.29	ND	ND	ND	680.5					V,P
03/17/2004	FMETL	0.56	0.53	2.25	0.59	ND					V,P

SOURCE: 23

Sampling Dates:
06/12/2000 - 03/17/2004

NOTES:

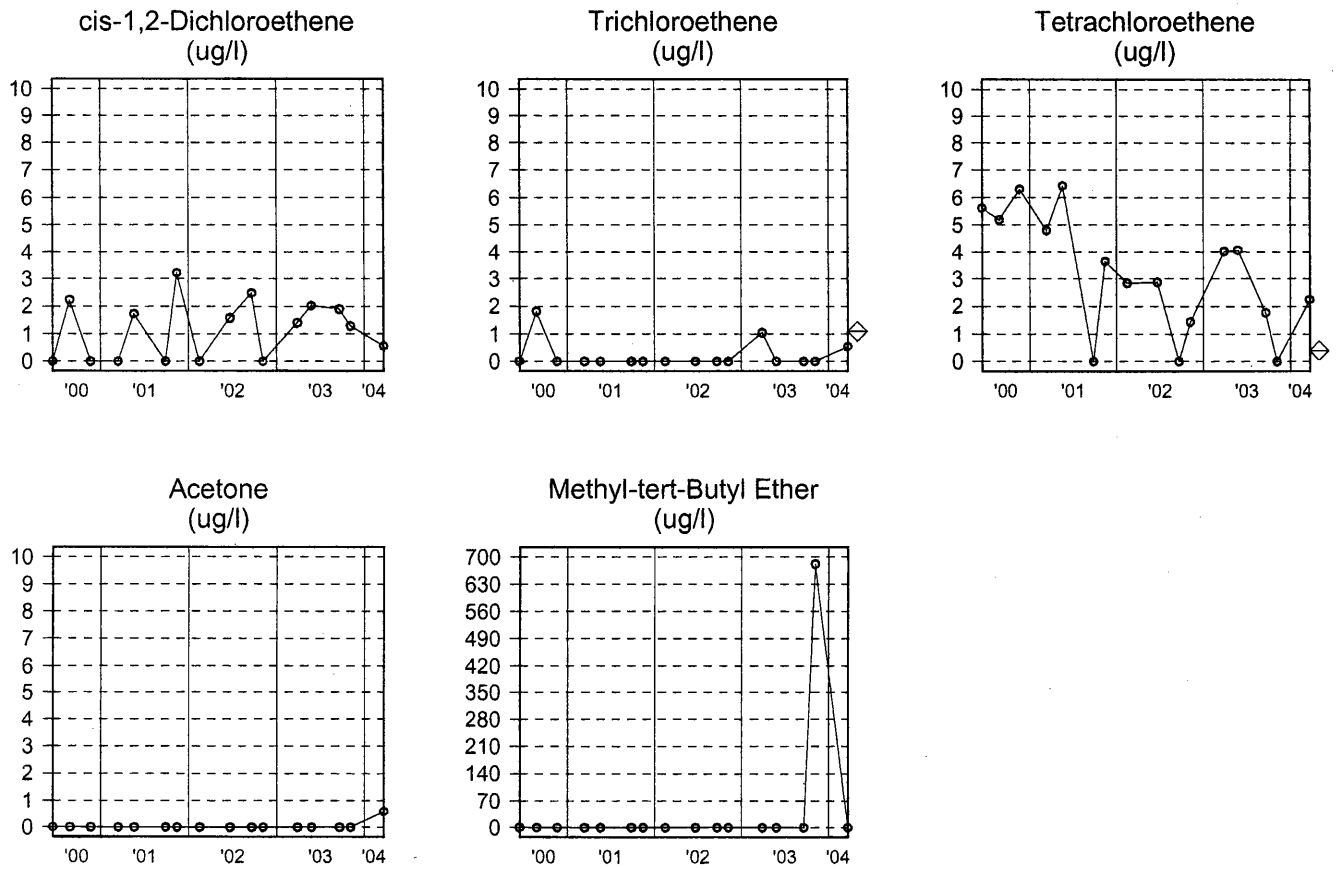
Page 1 of 1
Stream 23 is Fresh-Water

Fort Monmouth

GW Monitoring
Streams

Source 18 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 23

Sampling Dates:
06/12/2000 - 03/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 18 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	-					-
06/12/2000	FMETL	ND	ND	4.72	ND	ND					
08/24/2000	FMETL	1.54	1.41	4.33	ND	ND					
11/20/2000	FMETL	ND	ND	4.41	ND	ND					-
03/08/2001	FMETL	ND	ND	4.76	ND	ND					-
05/16/2001	FMETL	1.37	ND	5.12	ND	ND					-
09/25/2001	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	3.11	ND	3.28	ND	ND					-
02/11/2002	FMETL	ND	ND	2.69	ND	ND					V
06/18/2002	FMETL	1.60	ND	2.74	ND	ND					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/05/2002	FMETL	ND	ND	1.64	ND	ND					V,P
03/13/2003	FMETL	0.99	0.83	3.50	ND	ND					V,P
05/21/2003	FMETL	1.98	ND	3.94	ND	ND					V,P
09/17/2003	FMETL	1.69	ND	1.61	ND	ND					V,P
11/04/2003	FMETL	1.16	ND	ND	ND	504.75					V,P
03/17/2004	FMETL	0.58	0.58	2.12	0.56	0.30					V,P

SOURCE: 24

Sampling Dates:
06/12/2000 - 03/17/2004

NOTES:

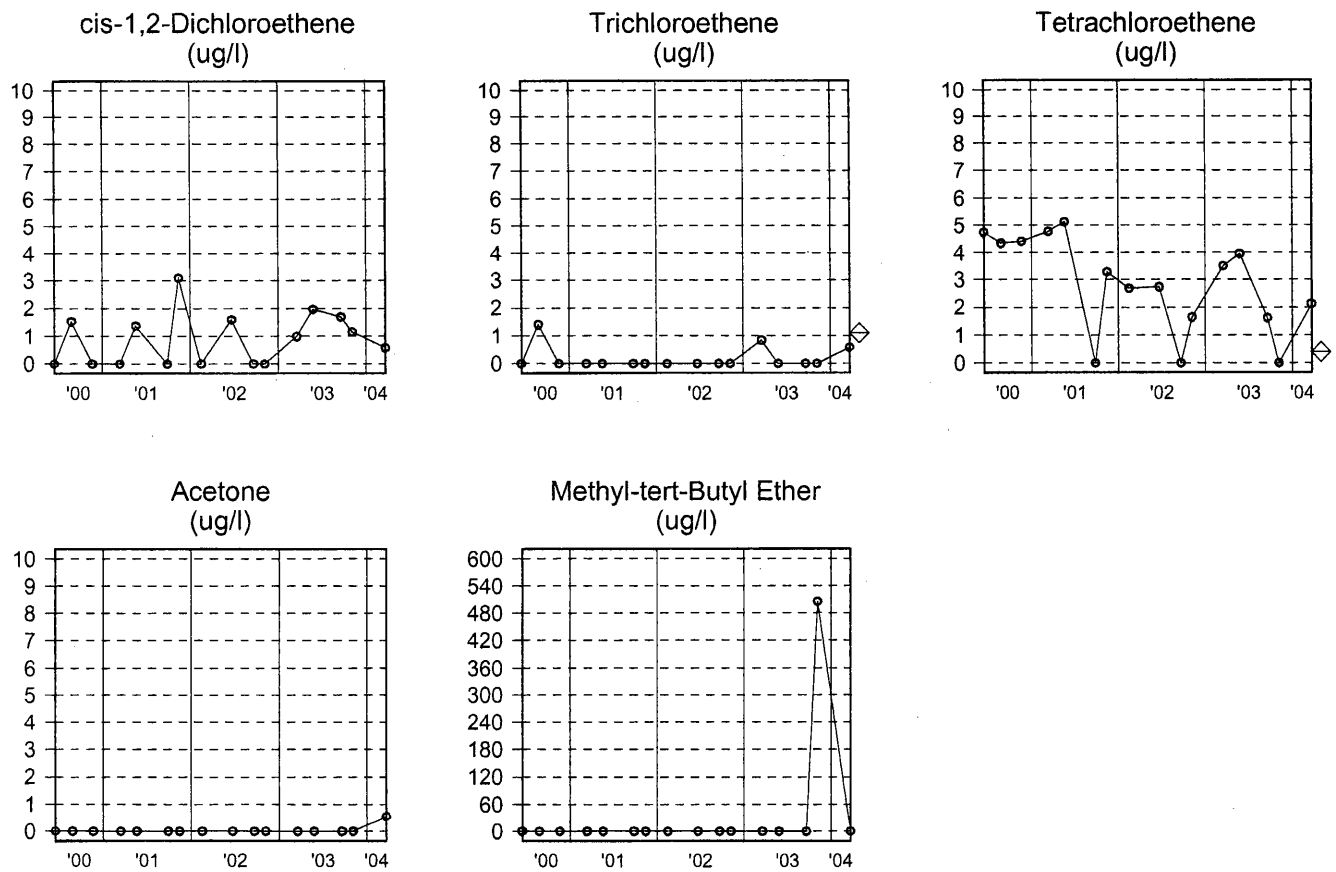
Page 1 of 2
Stream 24 is Fresh-Water

Fort Monmouth

GW Monitoring
Streams

Source 19 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 24

Sampling Dates:
06/12/2000 - 03/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 19 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	-					-
06/12/2000	FMETL	ND	ND	ND	ND	ND					
08/24/2000	FMETL	ND	ND	ND	ND	ND					
11/20/2000	FMETL	ND	ND	ND	ND	ND					-
03/08/2001	FMETL	ND	ND	ND	ND	ND					-
05/16/2001	FMETL	ND	ND	ND	ND	ND					-
09/25/2001	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	ND	ND	ND	ND	ND					-
02/11/2002	FMETL	ND	ND	ND	ND	ND					V
06/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/24/2003	FMETL	ND	ND	2.22	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND					V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2003	FMETL	ND	ND	ND	ND	3.79					V,P
03/17/2004	FMETL	ND	ND	ND	1.57	ND					V,P

SOURCE: 25

Sampling Dates:
06/12/2000 - 03/17/2004

NOTES:

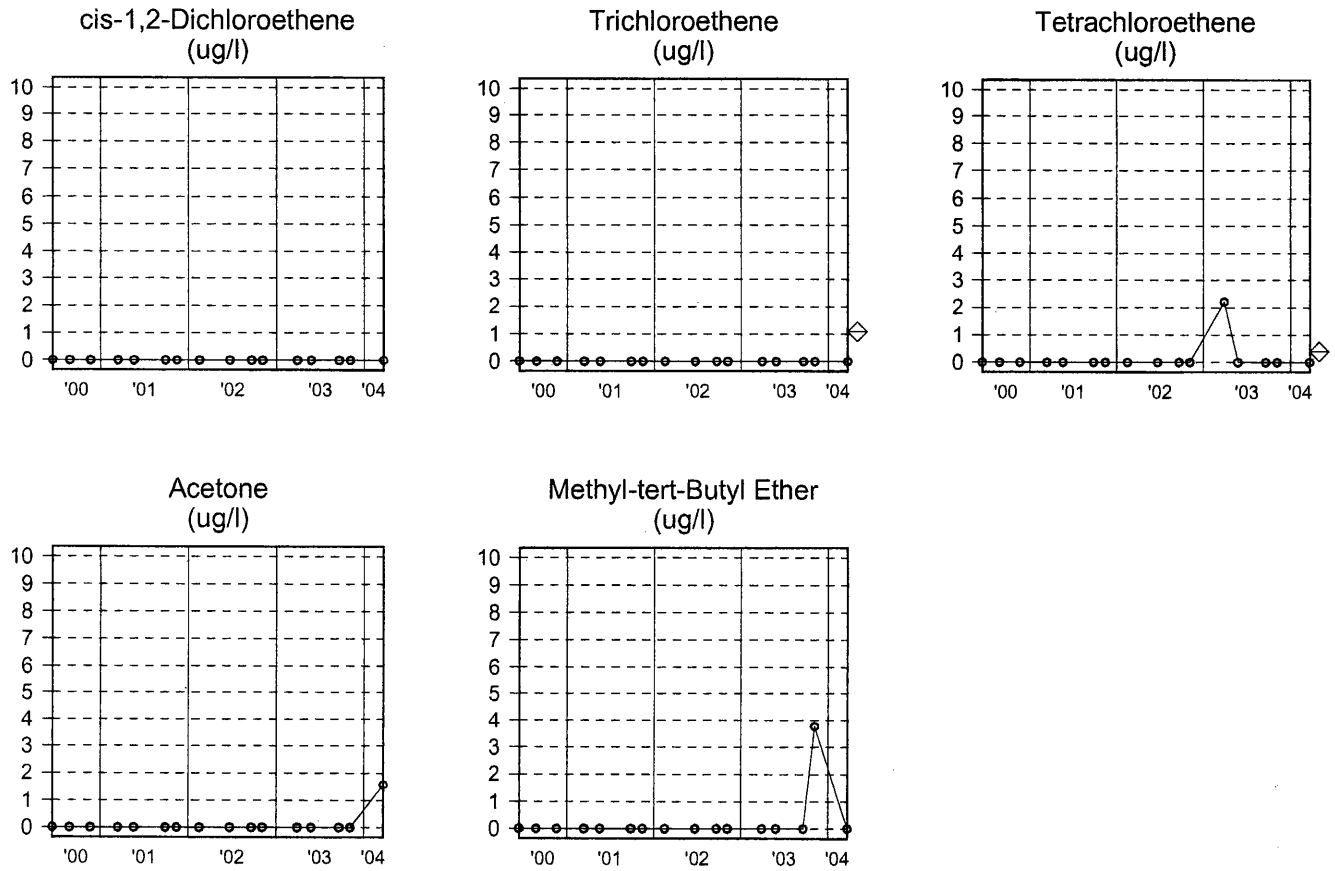
Page 1 of 1
Stream 25 is Salt-Water.

Fort Monmouth

GW Monitoring
Streams

Source 20 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 25

Sampling Dates:
06/12/2000 - 03/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 20 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	-					-
06/12/2000	FMETL	ND	ND	ND	ND	ND					
08/24/2000	FMETL	ND	ND	ND	ND	ND					
11/20/2000	FMETL	ND	ND	ND	ND	ND					-
03/08/2001	FMETL	ND	ND	ND	ND	ND					-
05/16/2001	FMETL	ND	ND	ND	ND	ND					-
09/25/2001	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	ND	ND	ND	ND	ND					-
02/11/2002	FMETL	ND	ND	ND	ND	ND					V
06/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/24/2003	FMETL	ND	ND	ND	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND					V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2003	FMETL	ND	ND	ND	ND	3.68					V,P
03/17/2004	FMETL	ND	ND	ND	1.32	ND					V,P

SOURCE: 26

Sampling Dates:
06/12/2000 - 03/17/2004

NOTES:

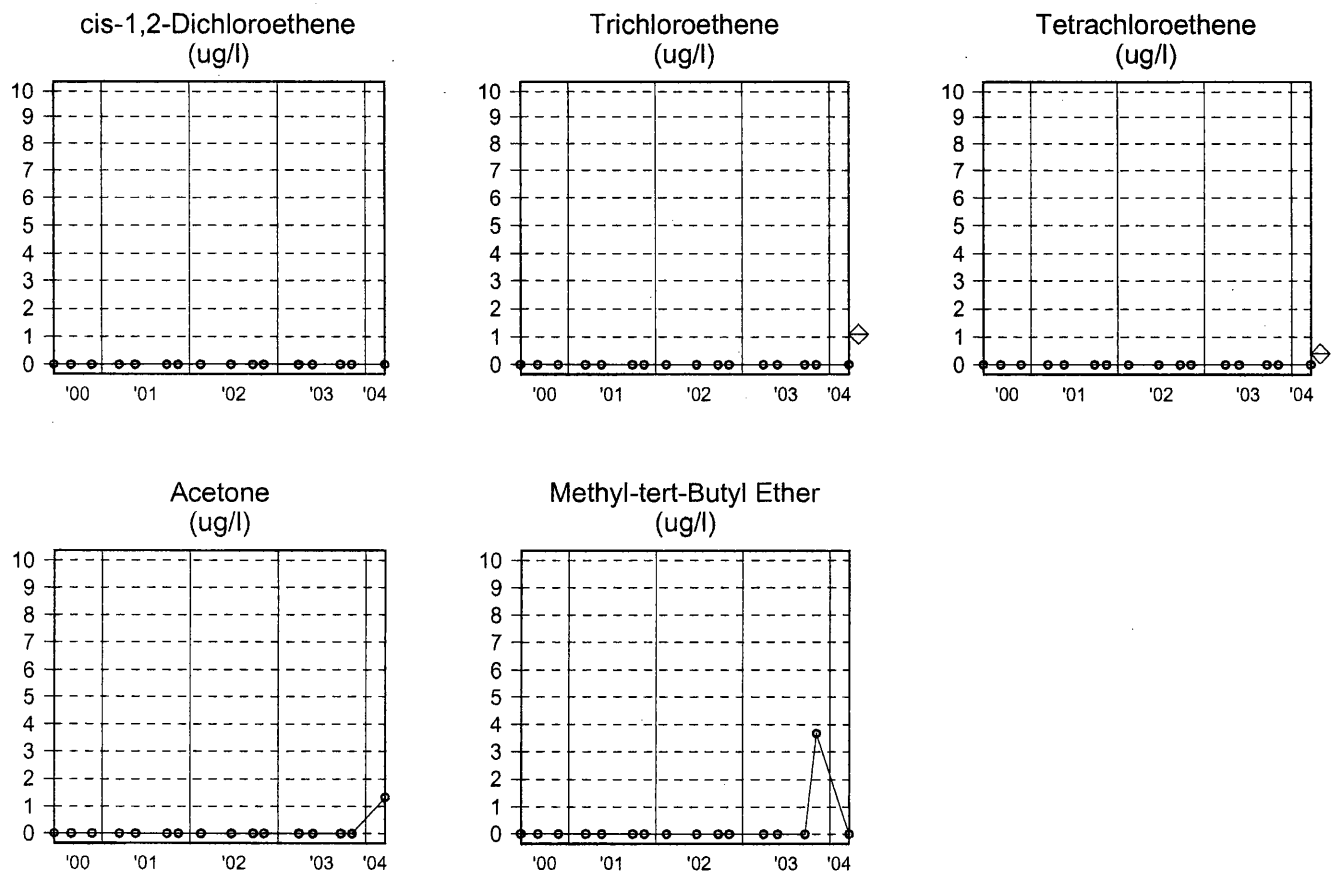
Page 1 of 1
Stream 26 is Fresh-Water

Fort Monmouth

GW Monitoring
Streams

Source 21 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 26

Sampling Dates:
06/12/2000 - 03/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 21 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	-					-
06/12/2000	FMETL	ND	ND	ND	ND	ND					
08/24/2000	FMETL	ND	ND	1.72	ND	ND					
11/20/2000	FMETL	ND	ND	1.87	ND	ND					-
03/08/2001	FMETL	ND	ND	ND	ND	ND					-
05/16/2001	FMETL	ND	ND	ND	ND	ND					-
09/25/2001	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	ND	ND	ND	ND	ND					-
02/11/2002	FMETL	ND	ND	ND	ND	ND					V
06/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/13/2003	FMETL	ND	ND	1.71	ND	ND					V,P
05/21/2003	FMETL	1.38	2.68	ND	ND	ND					V,P
09/17/2003	FMETL	1.16	ND	1.16	ND	ND					V,P
11/04/2003	FMETL	0.88	ND	1.06	ND	377.93					V,P
03/17/2004	FMETL	ND	ND	0.85	0.70	ND					V,P

SOURCE: 27

Sampling Dates:
06/12/2000 - 03/17/2004

NOTES:

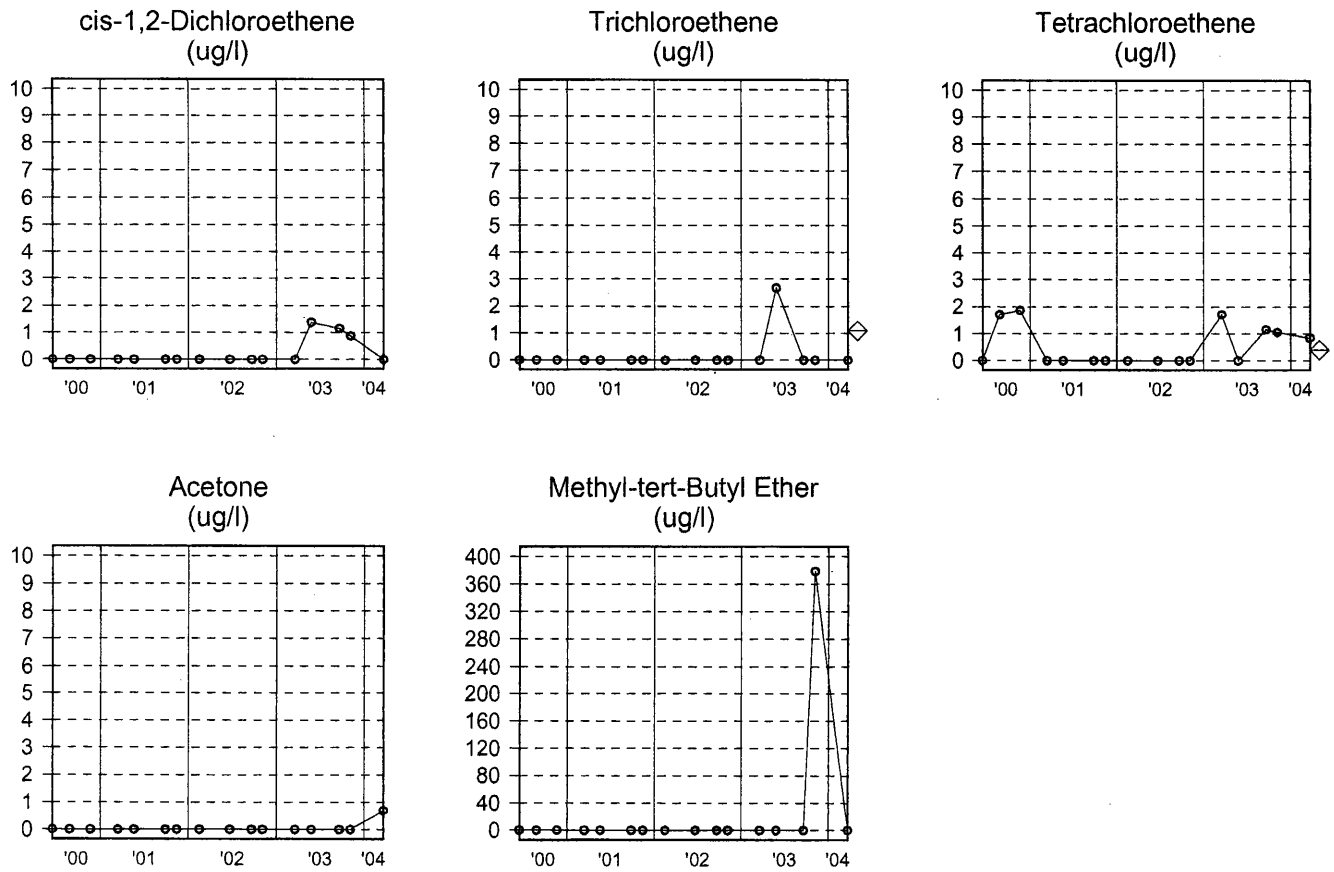
Page 1 of 1
Stream 27 is Salt Water.

Fort Monmouth

GW Monitoring
Streams

Source 22 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 27

Sampling Dates:
06/12/2000 - 03/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 22 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	-					-
06/12/2000	FMETL	ND	ND	ND	ND	ND					
08/24/2000	FMETL	1.28	1.07	3.67	ND	ND					
11/20/2000	FMETL	ND	ND	3.60	ND	ND					-
03/08/2001	FMETL	ND	ND	2.56	ND	ND					-
05/16/2001	FMETL	ND	ND	2.77	ND	ND					-
09/25/2001	FMETL	ND	ND	ND	ND	ND					-
11/14/2001	FMETL	ND	ND	ND	ND	ND					-
02/11/2002	FMETL	ND	ND	1.55	ND	ND					V
06/18/2002	FMETL	ND	ND	1.99	ND	ND					V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/13/2003	FMETL	0.73	0.60	2.78	ND	ND					V,P
05/21/2003	FMETL	1.50	ND	2.58	ND	ND					V,P
09/17/2003	FMETL	1.14	ND	1.14	ND	ND					V,P
11/04/2003	FMETL	1.54	0.78	1.89	ND	493.12					V,P
03/17/2004	FMETL	ND	ND	0.82	0.66	ND					V,P

SOURCE: 28

Sampling Dates:
06/12/2000 - 03/17/2004

NOTES:

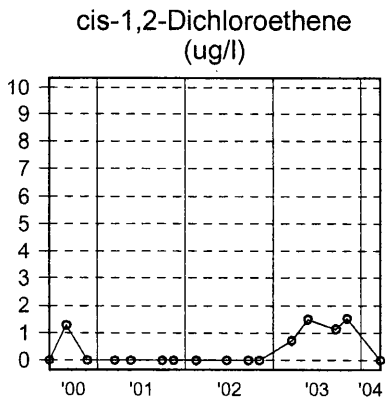
Page 1 of 1
Stream 28 is Salt-Water
cis-1,2-Dichloroethene limit is NLE
TCE limit is 81
PCE limit is 4.29

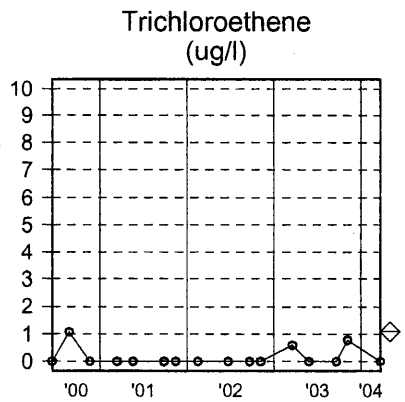
Fort Monmouth

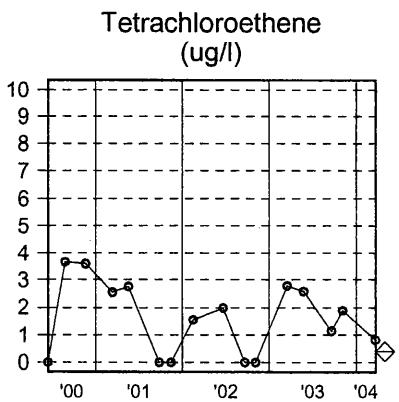
GW Monitoring
Streams

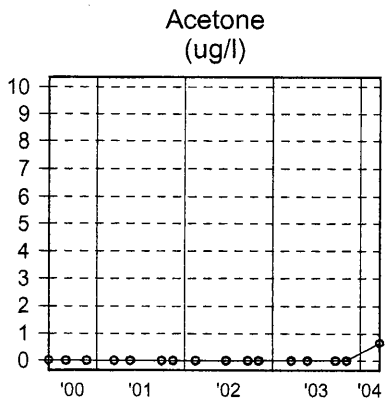
Source 23 of 23

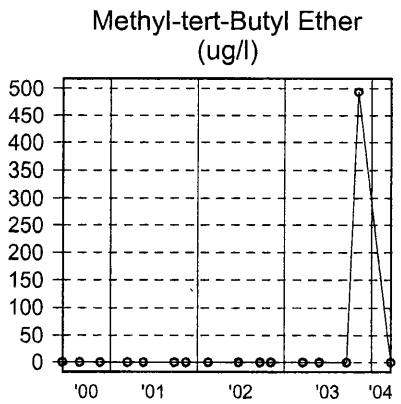
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 28

Sampling Dates:
06/12/2000 - 03/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 23 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS

PHONE: (732) 532-6224 FAX: (732) 532-6263

WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: 2ND QTR/04 Streams

Streams

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Stream Site #22	4050004	Aqueous	17-Mar-04 09:10	06/29/04
Stream Site #21	4050005	Aqueous	17-Mar-04 09:17	06/29/04
Stream Site #20	4050006	Aqueous	17-Mar-04 09:23	06/29/04
Stream Site #09	4050007	Aqueous	17-Mar-04 09:28	06/29/04
Stream Site #19	4050008	Aqueous	17-Mar-04 09:37	06/29/04
Stream Site #12	4050009	Aqueous	17-Mar-04 09:45	06/29/04
Stream Site #18	4050010	Aqueous	17-Mar-04 09:52	06/29/04
Stream Site #11	4050011	Aqueous	17-Mar-04 10:00	06/29/04
Stream Site #27	4050012	Aqueous	17-Mar-04 10:57	06/29/04
Stream Site #07	4050013	Aqueous	17-Mar-04 11:03	06/29/04
Stream Site #28	4050014	Aqueous	17-Mar-04 11:14	06/29/04
Stream Site #04	4050015	Aqueous	17-Mar-04 11:22	06/29/04
Stream Site #05	4050016	Aqueous	17-Mar-04 10:41	06/29/04
Stream Site #16	4050017	Aqueous	17-Mar-04 10:34	06/29/04
Stream Site #24	4050018	Aqueous	17-Mar-04 10:26	06/29/04
Stream Site #23	4050019	Aqueous	17-Mar-04 10:18	06/29/04
Stream Site #15	4050020	Aqueous	17-Mar-04 10:11	06/29/04
Stream Site #25	4050021	Aqueous	17-Mar-04 11:33	06/29/04
Stream Site #17	4050022	Aqueous	17-Mar-04 11:39	06/29/04
Stream Site #26	4050023	Aqueous	17-Mar-04 11:47	06/29/04
Stream Site #03	4050024	Aqueous	17-Mar-04 11:57	06/29/04
Stream Site #14	4050025	Aqueous	17-Mar-04 12:20	06/29/04
Stream Site #13	4050026	Aqueous	17-Mar-04 12:30	06/29/04

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA+15, PCB's, WET CHEMISTRY

8-4-04

Daniel Wright/~~Date~~
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B
TARGET COMPOUND LIST	Federal Register 40 CFR Part 136 Appendix A
Base/Neutrals and Acid Extractables by GC/MS	625
Purgeable Organcis by GC/MS	624
Pesticides and PCB's by GC	608

SAMPLING

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil

NJDEP Certification #13461

Chain of Custody Record

Customer: J. FALLON
Phone #: 1216223
(X)DERA ( )OMA ( )Other:_____

Project No:
Location: Streams
2nd Qtr '04

Samplers Name / Company: Corey McCormack, TVS

Comments: HCL/HNO3/24°C/H2SO4

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	VOTIS	T. Coli	PCB	NH_3/NO_3	PO_4/SO_4	pH Temp °C	Temp °C Hot	Dissolved O_2	Salinity %	Salinity D 20/20
40500 01	Trip	6/29/04	0740	AQ	2	✓					—	—	—		
02	Field Blank		0830		5	✓		✓	✓	✓	—	—	—		
03	Dupe		—		6	✓	✓	✓	✓	✓	—	—	—		
04	Stream Site #22 *		0850		6	✓	✓	✓	✓	✓	7.80	13.21	8.58	1.022	23
05	#21		0857			✓	✓	✓	✓	✓	7.77	13.21	8.69	1.022	23
06	#20		0903			✓	✓	✓	✓	✓	7.76	13.23	8.68	1.019	21
07	#09		0914			✓	✓	✓	✓	✓	7.79	13.09	8.71	1.018	20
08	#19		0921			✓	✓	✓	✓	✓	7.70	13.06	9.03	1.003	2
09	#12		0927			✓	✓	✓	✓	✓	7.60	14.11	8.07	1.000	0
10	#18		0935			✓	✓	✓	✓	✓	7.61	14.07	8.11	1.000	0
11	#11		0942			✓	✓	✓	✓	✓	7.58	17.63	9.31	1.000	0
12	#27		1014			✓	✓	✓	✓	✓	7.73	13.41	8.56	1.019	21
13	#07		1026			✓	✓	✓	✓	✓	7.75	13.38	8.57	1.019	21
14	#28		1039			✓	✓	✓	✓	✓	7.79	13.39	8.60	1.017	19

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	6/29/04 1340	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified, (_)EDD
Turnaround time: (X)Standard 3 wks, (_)Rush ___ Days, (_)ASAP Verbal ___ Hrs.

Remarks:
Tide: H->O

print legibly

COC.XLS5/24/2004

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil

NJDEP Certification #13461

Chain of Custody Record

Customer: J. Hallion
Phone #: 222-223
( )DERA ( )OMA ( )Other:

Project No:
Location: Streams
2nd Qtr '04

Samplers Name / Company: Corey McCormack, TVS

Analysis Parameters: VOTHS, T. coli, PCB, NH_3/NO_3, PO_4/SO_4, Temp °C, pH SU, Dissolved O_2

Comments: HCL/HNO_3/4°C, H_2SO_4

LIMS/Work Order #		Sample Location	Date	Time	Sample Type	# bottles	VOTHS	T. coli	PCB	NH_3/NO_3	PO_4/SO_4	Temp °C	pH SU	Dissolved O_2	Remarks / Preservation Method	
410500	15	Stream site #04	6/29/04	1047	AQ	6	✓	✓	✓	✓	✓	13.38	7.77	8.63	1.016	17
	16	#05		1058			✓	✓	✓	✓	✓	13.41	7.69	8.60	1.007	9
	17	#16		1010			✓	✓	✓	✓	✓	13.57	7.65	8.67	1.005	7
	18	#24		~~09~~ 1003			✓	✓	✓	✓	✓	13.52	7.65	8.69	1.005	7
	19	#23		0954			✓	✓	✓	✓	✓	13.49	7.68	8.73	1.004	6
	20	#15		0949			✓	✓	✓	✓	✓	13.41	7.66	8.73	1.003	5
	21	#25		1110			✓	✓	✓	✓	✓	13.27	7.73	8.60	1.006	8
	22	#17		1117			✓	✓	✓	✓	✓	13.11	7.74	8.64	1.005	7
	23	#26		1121			✓	✓	✓	✓	✓	12.87	7.71	8.66	1.004	6
	24	#03		1139			✓	✓	✓	✓	✓	12.41	7.72	8.71	1.001	2
	25	#14		1147			✓	✓	✓	✓	✓	12.63	7.69	8.93	1.000	0
	26	#13		1156			✓	✓	✓	✓	✓	12.55	7.61	9.11	1.000	0

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	6/29/04 1340	J. Vellione			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified, (_)EDD
Turnaround time: (X)Standard 3 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks: Tide: H → O

print legibly

COC.XLS4/29/2004

VOLATILE ORGANICS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

U: The compound was analyzed for but not detected.

B: Indicates that the compound was found in the associated method blank as well as in the sample.

J: Indicates an estimated value. This flag is used:

(1) When the mass spec and retention time data indicate the presence of a compound however the result is less than the MDL but greater than zero.

(2) When estimating the concentration of a tentatively identified compound (TIC), where a 1:1 response is assumed.

D: This flag is used to identify all compounds (target or TIC) that required a dilution.

E: Indicates the compound's concentration exceeds the calibration range of the instrument for that specific analysis.

N: This flag is only used for TICs. It indicates the presumptive evidence of a compound. For a generic characterization of a TIC, such as unknown hydrocarbon, the flag is not used.

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017039.D	Sample Name	MB 08July04
Operator	Skelton	Field ID	MB 08July04
Date Acquired	8 Jul 2004 2:53 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

7/20/2004 10:38 AM

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017039.D	Sample Name	MB 08July04
Operator	Skelton	Field ID	MB 08July04
Date Acquired	8 Jul 2004 2:53 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.70	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9B-1.14 18-May-98

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 08July04**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 40500 Location: 2nd Qtr SDG No.: 2004

Matrix: (soil/water) WATER Lab Sample ID: MB 08July04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017039.D

Level: (low/med) LOW Date Received: 6/29/2004

% Moisture: not dec. Date Analyzed: 7/8/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017078.D	Sample Name	MB 12July04
Operator	Skelton	Field ID	MB 12July04
Date Acquired	12 Jul 2004 7:58 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.70	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9B-1.14 18-May-98

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017078.D	Sample Name	MB 12July04
Operator	Skelton	Field ID	MB 12July04
Date Acquired	12 Jul 2004 7:58 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MB 12July04**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 40500 Location: 2nd Qtr SDG No.: 2004

Matrix: (soil/water) WATER Lab Sample ID: MB 12July04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017078.D

Level: (low/med) LOW Date Received: 6/29/2004

% Moisture: not dec. Date Analyzed: 7/12/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017046.D	Sample Name	4050001
Operator	Skelton	Field ID	Trip Blank
Date Acquired	8 Jul 2004 7:25 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.70	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9B-1.14 18-May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017046.D	Sample Name	4050001
Operator	Skelton	Field ID	Trip Blank
Date Acquired	8 Jul 2004 7:25 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values
*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 40500 Location: 2nd Qtr SDG No.: 2004

Matrix: (soil/water) WATER Lab Sample ID: 4050001

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017046.D

Level: (low/med) LOW Date Received: 6/29/2004

% Moisture: not dec. Date Analyzed: 7/8/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	16.75	4	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017047.D	Sample Name	4050002
Operator	Skelton	Field ID	Field Blank
Date Acquired	8 Jul 2004 8:02 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.70	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9B-1.14 18-May-98

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FRESHWATER03.CRT

7/20/2004 10:35 AM

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017047.D	Sample Name	4050002
Operator	Skelton	Field ID	Field Blank
Date Acquired	8 Jul 2004 8:02 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 40500 Location: 2nd Qtr SDG No.: 2004

Matrix: (soil/water) WATER Lab Sample ID: 4050002

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017047.D

Level: (low/med) LOW Date Received: 6/29/2004

% Moisture: not dec. Date Analyzed: 7/8/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	16.73	3	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017048.D	Sample Name	4050003
Operator	Skelton	Field ID	Dupe
Date Acquired	8 Jul 2004 8:38 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.81	136117	4.68 ug/L	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.70	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone	12.16	22599	4.34 ug/L	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9B-1.14 18-May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FRESHWATER03.CRT

7/20/2004 10:35 AM

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017048.D	Sample Name	4050003
Operator	Skelton	Field ID	Dupe
Date Acquired	8 Jul 2004 8:38 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.81	136117	4.68 ug/L	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone	12.16	22599	4.34 ug/L	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7.9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 40500 Location: 2nd Qtr SDG No.: 2004

Matrix: (soil/water) WATER Lab Sample ID: 4050003

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017048.D

Level: (low/med) LOW Date Received: 6/29/2004

% Moisture: not dec. Date Analyzed: 7/8/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017049.D	Sample Name	4050004
Operator	Skelton	Field ID	StreamSite #22
Date Acquired	8 Jul 2004 9:15 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.84	129385	4.87 ug/L	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone	12.03	27674	5.82 ug/L	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: StreamSite#22

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 40500 Location: 2nd Qtr SDG No.: 2004

Matrix: (soil/water) WATER Lab Sample ID: 4050004

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017049.D

Level: (low/med) LOW Date Received: 6/29/2004

% Moisture: not dec. Date Analyzed: 7/8/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017050.D	Sample Name	4050005
Operator	Skelton	Field ID	StreamSite #21
Date Acquired	8 Jul 2004 9:52 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.86	62129	2.28 ug/L	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\CUSTRPT\VOLATILE\SALTWATER03.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: StreamSite#21

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 40500 Location: 2nd Qtr SDG No.: 2004

Matrix: (soil/water) WATER Lab Sample ID: 4050005

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017050.D

Level: (low/med) LOW Date Received: 6/29/2004

% Moisture: not dec. Date Analyzed: 7/8/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017051.D	Sample Name	4050006
Operator	Skelton	Field ID	StreamSite #20
Date Acquired	8 Jul 2004 10:28 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	12.84	62651	2.21 ug/L	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: StreamSite#20

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 40500 Location: 2nd Qtr SDG No.: 2004

Matrix: (soil/water) WATER Lab Sample ID: 4050006

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017051.D

Level: (low/med) LOW Date Received: 6/29/2004

% Moisture: not dec. Date Analyzed: 7/8/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017052.D	Sample Name	4050007
Operator	Skelton	Field ID	StreamSite #09
Date Acquired	8 Jul 2004 11:05 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.86	16133	0.81 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. – Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#09**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 40500 Location: 2nd Qtr SDG No.: 2004

Matrix: (soil/water) WATER Lab Sample ID: 4050007

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017052.D

Level: (low/med) LOW Date Received: 6/29/2004

% Moisture: not dec. Date Analyzed: 7/8/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017053.D	Sample Name	4050008
Operator	Skelton	Field ID	StreamSite #19
Date Acquired	8 Jul 2004 11:42 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.87	22658	1.18 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: StreamSite#19

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 40500 Location: 2nd Qtr SDG No.: 2004

Matrix: (soil/water) WATER Lab Sample ID: 4050008

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017053.D

Level: (low/med) LOW Date Received: 6/29/2004

% Moisture: not dec. Date Analyzed: 7/8/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017054.D	Sample Name	4050009
Operator	Skelton	Field ID	StreamSite #12
Date Acquired	9 Jul 2004 12:19 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.70	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.87	26805	1.38 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9B-1.14 18-May-98

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FRESHWATER03.CRT

7/20/2004 10:36 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#12**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 40500 Location: 2nd Qtr SDG No.: 2004

Matrix: (soil/water) WATER Lab Sample ID: 4050009

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017054.D

Level: (low/med) LOW Date Received: 6/29/2004

% Moisture: not dec. Date Analyzed: 7/9/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017055.D	Sample Name	4050010
Operator	Skelton	Field ID	StreamSite #18
Date Acquired	9 Jul 2004 12:56 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.70	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.86	25558	1.30 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9B-1.14 18-May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#18**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 40500 Location: 2nd Qtr SDG No.: 2004

Matrix: (soil/water) WATER Lab Sample ID: 4050010

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017055.D

Level: (low/med) LOW Date Received: 6/29/2004

% Moisture: not dec. Date Analyzed: 7/9/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017056.D	Sample Name	4050011
Operator	Skelton	Field ID	StreamSite #11
Date Acquired	9 Jul 2004 1:33 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.70	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride	5.45	30532	2.43 ug/L	0.08	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone	12.12	30307	5.98 ug/L	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.87	185693	9.25 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9B-1.14 18-May-98

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

C:\HPCHEM\Custrpt\Volatile\FRESHWATER03.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: StreamSite#11

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 40500 Location: 2nd Qtr SDG No.: 2004

Matrix: (soil/water) WATER Lab Sample ID: 4050011

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017056.D

Level: (low/med) LOW Date Received: 6/29/2004

% Moisture: not dec. Date Analyzed: 7/9/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#11**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 40500 Location: 2nd Qtr SDG No.: 2004

Matrix: (soil/water) WATER Lab Sample ID: 4050011

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017056.D

Level: (low/med) LOW Date Received: 6/29/2004

% Moisture: not dec. Date Analyzed: 7/9/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017057.D	Sample Name	4050012
Operator	Skelton	Field ID	StreamSite #27
Date Acquired	9 Jul 2004 2:09 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone	12.15	28854	5.91 ug/L	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values
*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#27**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 40500 Location: 2nd Qtr SDG No.: 2004

Matrix: (soil/water) WATER Lab Sample ID: 4050012

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017057.D

Level: (low/med) LOW Date Received: 6/29/2004

% Moisture: not dec. Date Analyzed: 7/9/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017058.D	Sample Name	4050013
Operator	Skelton	Field ID	StreamSite #07
Date Acquired	9 Jul 2004 2:46 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone	12.01	34640	7.61 ug/L	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#07**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 40500 Location: 2nd Qtr SDG No.: 2004

Matrix: (soil/water) WATER Lab Sample ID: 4050013

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017058.D

Level: (low/med) LOW Date Received: 6/29/2004

% Moisture: not dec. _____ Date Analyzed: 7/9/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017059.D	Sample Name	4050014
Operator	Skelton	Field ID	StreamSite #28
Date Acquired	9 Jul 2004 3:23 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone	12.18	28485	5.97 ug/L	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#28**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 40500 Location: 2nd Qtr SDG No.: 2004

Matrix: (soil/water) WATER Lab Sample ID: 4050014

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017059.D

Level: (low/med) LOW Date Received: 6/29/2004

% Moisture: not dec. Date Analyzed: 7/9/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017060.D	Sample Name	4050015
Operator	Skelton	Field ID	StreamSite #04
Date Acquired	9 Jul 2004 4:00 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone	12.16	31289	6.62 ug/L	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY !DENTIFIED COMPOUNDS

FIELD ID: **StreamSite#04**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 40500 Location: 2nd Qtr SDG No.: 2004

Matrix: (soil/water) WATER Lab Sample ID: 4050015

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017060.D

Level: (low/med) LOW Date Received: 6/29/2004

% Moisture: not dec. _____ Date Analyzed: 7/9/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017061.D	Sample Name	4050016
Operator	Skelton	Field ID	StreamSite #05
Date Acquired	9 Jul 2004 4:36 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.87	22740	1.19 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	23.47	23729	1.31 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#05**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 40500 Location: 2nd Qtr SDG No.: 2004

Matrix: (soil/water) WATER Lab Sample ID: 4050016

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017061.D

Level: (low/med) LOW Date Received: 6/29/2004

% Moisture: not dec. _____ Date Analyzed: 7/9/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017062.D	Sample Name	4050017
Operator	Skelton	Field ID	StreamSite #16
Date Acquired	9 Jul 2004 5:13 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone	12.00	28577	6.40 ug/L	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.87	21707	1.23 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	23.47	21533	1.32 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values
*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#16**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 40500 Location: 2nd Qtr SDG No.: 2004

Matrix: (soil/water) WATER Lab Sample ID: 4050017

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017062.D

Level: (low/med) LOW Date Received: 6/29/2004

% Moisture: not dec. Date Analyzed: 7/9/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017063.D	Sample Name	4050018
Operator	Skelton	Field ID	StreamSite #24
Date Acquired	9 Jul 2004 5:50 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone	12.00	19704	4.51 ug/L	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.86	21566	1.25 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	23.47	19886	1.21 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#24**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 40500 Location: 2nd Qtr SDG No.: 2004

Matrix: (soil/water) WATER Lab Sample ID: 4050018

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017063.D

Level: (low/med) LOW Date Received: 6/29/2004

% Moisture: not dec. Date Analyzed: 7/9/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017064.D	Sample Name	4050019
Operator	Skelton	Field ID	StreamSite #23
Date Acquired	9 Jul 2004 6:27 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.87	22677	1.20 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	.71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	23.47	22990	1.32 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#23**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 40500 Location: 2nd Qtr SDG No.: 2004

Matrix: (soil/water) WATER Lab Sample ID: 4050019

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017064.D

Level: (low/med) LOW Date Received: 6/29/2004

% Moisture: not dec. Date Analyzed: 7/9/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017065.D	Sample Name	4050020
Operator	Skelton	Field ID	StreamSite #15
Date Acquired	9 Jul 2004 7:04 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.70	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	15.87	21254	1.18 ug/L	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	23.47	21165	1.28 ug/L	0.39	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9B-1.14 18-May-98

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#15**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 40500 Location: 2nd Qtr SDG No.: 2004

Matrix: (soil/water) WATER Lab Sample ID: 4050020

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017065.D

Level: (low/med) LOW Date Received: 6/29/2004

% Moisture: not dec. _____ Date Analyzed: 7/9/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017066.D	Sample Name	4050021
Operator	Skelton	Field ID	StreamSite #25
Date Acquired	9 Jul 2004 7:40 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#25**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 40500 Location: 2nd Qtr SDG No.: 2004

Matrix: (soil/water) WATER Lab Sample ID: 4050021

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017066.D

Level: (low/med) LOW Date Received: 6/29/2004

% Moisture: not dec. Date Analyzed: 7/9/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB017067.D**	Sample Name	**4050022**
Operator	**Skelton**	Field ID	**StreamSite #17**
Date Acquired	**9 Jul 2004 8:17 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone	12.04	27074	6.20 ug/L	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#17**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 40500 Location: 2nd Qtr SDG No.: 2004

Matrix: (soil/water) WATER Lab Sample ID: 4050022

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017067.D

Level: (low/med) LOW Date Received: 6/29/2004

% Moisture: not dec. Date Analyzed: 7/9/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017068.D	Sample Name	4050023
Operator	Skelton	Field ID	StreamSite #26
Date Acquired	9 Jul 2004 8:54 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone	12.13	17481	3.68 ug/L	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values
*Water Quality Criteria as per NJAC 7:9-6 2Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#26**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 40500 Location: 2nd Qtr SDG No.: 2004

Matrix: (soil/water) WATER Lab Sample ID: 4050023

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017068.D

Level: (low/med) LOW Date Received: 6/29/2004

% Moisture: not dec. Date Analyzed: 7/9/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB017069.D**	Sample Name	**4050024**
Operator	**Skelton**	Field ID	**StreamSite #03**
Date Acquired	**9 Jul 2004 9:31 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.70	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9B-1.14 18-May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#03**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 40500 Location: 2nd Qtr SDG No.: 2004

Matrix: (soil/water) WATER Lab Sample ID: 4050024

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017069.D

Level: (low/med) LOW Date Received: 6/29/2004

% Moisture: not dec. Date Analyzed: 7/9/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017079.D	Sample Name	4050025
Operator	Skelton	Field ID	StreamSite#14
Date Acquired	12 Jul 2004 8:35 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.70	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9B-1.14 18-May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#14**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 40500 Location: 2nd Qtr SDG No.: 2004

Matrix: (soil/water) WATER Lab Sample ID: 4050025

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017079.D

Level: (low/med) LOW Date Received: 6/29/2004

% Moisture: not dec. Date Analyzed: 7/12/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB017080.D	Sample Name	4050026
Operator	Skelton	Field ID	StreamSite#13
Date Acquired	12 Jul 2004 9:12 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	RL	Qualifiers
107028	Acrolein			not detected	320	1.85 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.70	1.16 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	2.00 ug/L	
75-34-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	2.00 ug/L	
71-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	2.00 ug/L	
124-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	4.00 ug/L	
95-47-6	o-Xylene			not detected	nle	0.62 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	2.00 ug/L	

*Results between MDL and RL are estimated values

*Water Quality Criteria as per NJAC 7:9B-1.14 18-May-98

Qualifiers

B = Compound found in related blank

E = Value above linear range

D = Value from dilution

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.L. = Reporting Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **StreamSite#13**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 40500 Location: 2nd Qtr SDG No.: 2004

Matrix: (soil/water) WATER Lab Sample ID: 4050026

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB017080.D

Level: (low/med) LOW Date Received: 6/29/2004

% Moisture: not dec. Date Analyzed: 7/12/2004

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

PCB'S

U.S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

TABULATED ANALYTICAL REPORT
SW 846 608
Pesticides/PCB

mb 070104-01

Matrix: Aqueous
Date Extracted: 7/1/2004
Ext. Batch: 070104
Filename: 04012.D
Date Analyzed: 7/16/2004

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.0011
319-85-7	beta-BHC	ND	0.0050
58-89-9	gamma-BHC	ND	0.0013
319-86-8	delta-BHC	ND	0.0016
76-44-8	Heptachlor	ND	0.0035
309-00-2	Aldrin	ND	0.0026
1024-57-3	Heptachlor epoxide	ND	0.0020
5103-74-2	gamma-Chlordane	ND	0.0007
5103-71-9	alpha-Chlordane	ND	0.0036
959-98-8	Endosulfan I	ND	0.0016
72-55-9	4,4'-DDE	ND	0.0021
60-57-1	Dieldrin	ND	0.0020
72-20-8	Endrin	ND	0.0032
33213-65-9	Endosulfan II	ND	0.0022
72-54-8	4,4'-DDD	ND	0.0020
7421-93-4	Endrin aldehyde	ND	0.0100
50-29-3	4,4'-DDT	ND	0.0052
1031-07-8	Endosulfan sulfate	ND	0.0026
53494-70-5	Endrin ketone	ND	0.0026
72-43-5	Methoxychlor	ND	0.0100
8001-35-2	Toxaphene	ND	0.0157
12674-11-2	Arochlor 1016	ND	0.0683
11104-28-2	Arochlor 1221	ND	0.0666
11141-16-5	Arochlor 1232	ND	0.0648
53469-21-9	Arochlor 1242	ND	0.0485
12672-29-6	Arochlor 1248	ND	0.0544
11097-69-1	Arochlor 1254	ND	0.0608
11096-82-5	Arochlor 1260	ND	0.0732

MDL = METHOD DETECTION LIMIT
ND =NOT DETECTED, BELOW MDL

Initial vol. (ml): 1000
Final vol. (ml): 10

U.S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

TABULATED ANALYTICAL REPORT
SW 846 608
Pesticides/PCB

mb 070204-01

Matrix: Aqueous
Date Extracted: 7/2/2004
Ext. Batch: 070204
Filename: 04085.D
Date Analyzed: 7/20/2004

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.0011
319-85-7	beta-BHC	ND	0.0050
58-89-9	gamma-BHC	ND	0.0013
319-86-8	delta-BHC	ND	0.0016
76-44-8	Heptachlor	ND	0.0035
309-00-2	Aldrin	ND	0.0026
1024-57-3	Heptachlor epoxide	ND	0.0020
5103-74-2	gamma-Chlordane	ND	0.0007
5103-71-9	alpha-Chlordane	ND	0.0036
959-98-8	Endosulfan I	ND	0.0016
72-55-9	4,4'-DDE	ND	0.0021
60-57-1	Dieldrin	ND	0.0020
72-20-8	Endrin	ND	0.0032
33213-65-9	Endosulfan II	ND	0.0022
72-54-8	4,4'-DDD	ND	0.0020
7421-93-4	Endrin aldehyde	ND	0.0100
50-29-3	4,4'-DDT	ND	0.0052
1031-07-8	Endosulfan sulfate	ND	0.0026
53494-70-5	Endrin ketone	ND	0.0026
72-43-5	Methoxychlor	ND	0.0100
8001-35-2	Toxaphene	ND	0.0157
12674-11-2	Arochlor 1016	ND	0.0683
11104-28-2	Arochlor 1221	ND	0.0666
11141-16-5	Arochlor 1232	ND	0.0648
53469-21-9	Arochlor 1242	ND	0.0485
12672-29-6	Arochlor 1248	ND	0.0544
11097-69-1	Arochlor 1254	ND	0.0608
11096-82-5	Arochlor 1260	ND	0.0732

MDL = METHOD DETECTION LIMIT
ND =NOT DETECTED, BELOW MDL

Initial vol. (ml): 1000
Final vol. (ml): 10

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams 2nd Qrtr. '04
Field ID: FIELDBLANK
Lab ID: 4050002
Filename: 04014.D
Lab Project : 40500

Location: Streams 2nd Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 070104
Date Extracted: 7/1/2004
Date Analyzed: 16-Jul-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams 2nd Qrtr. '04
Field ID: Dupe
Lab ID: 4050003
Filename: 04015.D
Lab Project : 40500

Location: Streams 2nd Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 070104
Date Extracted: 7/1/2004
Date Analyzed: 16-Jul-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams 2nd Qrtr. '04
Field ID: Stream Site # 22
Lab ID: 4050004
Filename: 04016.D
Lab Project : 40500

Location: Streams 2nd Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 070104
Date Extracted: 7/1/2004
Date Analyzed: 16-Jul-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams 2nd Qrtr. '04
Field ID: Stream Site # 21
Lab ID: 4050005
Filename: 04017.D
Lab Project : 40500

Location: Streams 2nd Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 070104
Date Extracted: 7/1/2004
Date Analyzed: 16-Jul-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams 2nd Qrtr. '04
Field ID: Stream Site # 20
Lab ID: 4050006
Filename: 04018.D
Lab Project : 40500

Location: Streams 2nd Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 070104
Date Extracted: 7/1/2004
Date Analyzed: 16-Jul-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams 2nd Qrtr. '04
Field ID: Stream Site # 09
Lab ID: 4050007
Filename: 04019.D
Lab Project : 40500

Location: Streams 2nd Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 070104
Date Extracted: 7/1/2004
Date Analyzed: 16-Jul-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams 2nd Qrtr. '04
Field ID: Stream Site # 19
Lab ID: 4050008
Filename: 04020.D
Lab Project : 40500

Location: Streams 2nd Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 070104
Date Extracted: 7/1/2004
Date Analyzed: 16-Jul-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams 2nd Qrtr. '04
Field ID: Stream Site # 12
Lab ID: 4050009
Filename: 04021.D
Lab Project : 40500

Location: Streams 2nd Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 070104
Date Extracted: 7/1/2004
Date Analyzed: 16-Jul-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams 2nd Qrtr. '04
Field ID: Stream Site # 18
Lab ID: 4050010
Filename: 04087.D
Lab Project : 40500

Location: Streams 2nd Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 070204
Date Extracted: 7/2/2004
Date Analyzed: 20-Jul-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams 2nd Qrtr. '04
Field ID: Stream Site # 11
Lab ID: 4050011
Filename: 04088.D
Lab Project : 40500

Location: Streams 2nd Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 070204
Date Extracted: 7/2/2004
Date Analyzed: 20-Jul-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams 2nd Qrtr. '04
Field ID: Stream Site # 27
Lab ID: 4050012
Filename: 04089.D
Lab Project : 40500

Location: Streams 2nd Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 070204
Date Extracted: 7/2/2004
Date Analyzed: 20-Jul-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams 2nd Qrtr. '04
Field ID: Stream Site #07
Lab ID: 4050013
Filename: 04090.D
Lab Project : 40500

Location: Streams 2nd Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 070204
Date Extracted: 7/2/2004
Date Analyzed: 20-Jul-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams 2nd Qrtr. '04
Field ID: Stream Site #28
Lab ID: 4050014
Filename: 04091.D
Lab Project : 40500

Location: Streams 2nd Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 070204
Date Extracted: 7/2/2004
Date Analyzed: 20-Jul-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams 2nd Qrtr. '04
Field ID: Stream Site #04
Lab ID: 4050015
Filename: 04092.D
Lab Project : 40500

Location: Streams 2nd Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 070204
Date Extracted: 7/2/2004
Date Analyzed: 20-Jul-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams 2nd Qrtr. '04
Field ID: Stream Site #05
Lab ID: 4050016
Filename: 04093.D
Lab Project : 40500

Location: Streams 2nd Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 070204
Date Extracted: 7/2/2004
Date Analyzed: 20-Jul-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams 2nd Qrtr. '04
Field ID: Stream Site #16
Lab ID: 4050017
Filename: 04094.D
Lab Project : 40500

Location: Streams 2nd Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 070204
Date Extracted: 7/2/2004
Date Analyzed: 20-Jul-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams 2nd Qrtr. '04
Field ID: Stream Site #24
Lab ID: 4050018
Filename: 04095.D
Lab Project : 40500

Location: Streams 2nd Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 070204
Date Extracted: 7/2/2004
Date Analyzed: 20-Jul-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams 2nd Qrtr. '04
Field ID: Stream Site #23
Lab ID: 4050019
Filename: 04096.D
Lab Project : 40500

Location: Streams 2nd Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 070204
Date Extracted: 7/2/2004
Date Analyzed: 20-Jul-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams 2nd Qrtr. '04
Field ID: Stream Site #15
Lab ID: 4050020
Filename: 04097.D
Lab Project : 40500

Location: Streams 2nd Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 070204
Date Extracted: 7/2/2004
Date Analyzed: 20-Jul-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams 2nd Qrtr. '04
Field ID: Stream Site #25
Lab ID: 4050021
Filename: 04098.D
Lab Project : 40500

Location: Streams 2nd Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 070204
Date Extracted: 7/2/2004
Date Analyzed: 20-Jul-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams 2nd Qrtr. '04
Field ID: Stream Site #17
Lab ID: 4050022
Filename: 04099.D
Lab Project : 40500

Location: Streams 2nd Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 070204
Date Extracted: 7/2/2004
Date Analyzed: 21-Jul-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams 2nd Qrtr. '04
Field ID: Stream Site #26
Lab ID: 4050023
Filename: 04100.D
Lab Project : 40500

Location: Streams 2nd Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 070204
Date Extracted: 7/2/2004
Date Analyzed: 21-Jul-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams 2nd Qrtr. '04
Field ID: Stream Site #03
Lab ID: 4050024
Filename: 04101.D
Lab Project : 40500

Location: Streams 2nd Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 070204
Date Extracted: 7/2/2004
Date Analyzed: 21-Jul-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams 2nd Qrtr. '04
Field ID: Stream Site #14
Lab ID: 4050025
Filename: 04102.D
Lab Project : 40500

Location: Streams 2nd Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 070204
Date Extracted: 7/2/2004
Date Analyzed: 21-Jul-04
Dilution: I
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

U. S. Army, Fort Monmouth Environmental Laboratory.
173 Riverside Avenue, NJ 07703.

Report of Analysis
NJDEP Certification # 13461
EPA Method 608
PESTICIDES/PCB

Client: U.S. Army, DPW, SELFM-PW-EV
Project Name: Streams 2nd Qrtr. '04
Field ID: Stream Site #13
Lab ID: 4050026
Filename: 04103.D
Lab Project : 40500

Location: Streams 2nd Qrtr. '04
MATRIX: Aqueous
Ext. Batch: 070204
Date Extracted: 7/2/2004
Date Analyzed: 21-Jul-04
Dilution: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	Reporting Limit (ug/L)	Regulatory Level (ug/L)	Qualifier	MDL (ug/L)
319-84-6	alpha-BHC	ND	0.02	0.02		0.0011
319-85-7	beta-BHC	ND	0.02	0.20		0.0050
58-89-9	gamma-BHC	ND	0.02	0.20		0.0013
319-86-8	delta-BHC	ND	0.02	NLE		0.0016
76-44-8	Heptachlor	ND	0.02	0.40		0.0035
309-00-2	Aldrin	ND	0.02	0.04		0.0026
1024-57-3	Heptachlor epoxide	ND	0.02	0.20		0.0020
5103-74-2	gamma-Chlordane	ND	0.02	0.50		0.0007
5103-71-9	alpha-Chlordane	ND	0.02	0.50		0.0036
959-98-8	Endosulfan I	ND	0.02	0.40		0.0016
72-55-9	4,4'-DDE	ND	0.02	0.10		0.0021
60-57-1	Dieldrin	ND	0.02	0.03		0.0020
72-20-8	Endrin	ND	0.02	2.00		0.0032
33213-65-9	Endosulfan II	ND	0.02	0.40		0.0022
72-54-8	4,4'-DDD	ND	0.02	0.10		0.0020
7421-93-4	Endrin aldehyde	ND	0.02	NLE		0.0100
50-29-3	4,4'-DDT	ND	0.02	0.10		0.0052
1031-07-8	Endosulfan sulfate	ND	0.02	0.40		0.0026
53494-70-5	Endrin ketone	ND	0.02	NLE		0.0026
72-43-5	Methoxychlor	ND	0.02	40.00		0.0100
8001-35-2	Toxaphene	ND	0.50	3.00		0.0157
12674-11-2	Arochlor 1016	ND	0.50	0.50		0.0683
11104-28-2	Arochlor 1221	ND	0.50	0.50		0.0666
11141-16-5	Arochlor 1232	ND	0.50	0.50		0.0648
53469-21-9	Arochlor 1242	ND	0.50	0.50		0.0485
12672-29-6	Arochlor 1248	ND	0.50	0.50		0.0544
11097-69-1	Arochlor 1254	ND	0.50	0.50		0.0608
11096-82-5	Arochlor 1260	ND	0.50	0.50		0.0732

MDL = Method Detection Limit.
ND =Not Decteded / Below MDL.
B = Present in the associated Blank.
E = Exceeded Calibration Range, Dilution to follow.
D = Dilution.
NLE = No Limit Established.
RL = Reporting Limit.
PQL = Practical Quantitation Limit.

Initial Vol.(ml) 1000
Final Vol.(ml) 10

*Higher of PQL's and ground water criteria as per NJAC 7:9-6
*Results between MDL and RL are estimated.
Column-Primary: Rtx-CLPesticides 30/.32mm ID/.25um.
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.5um.

WET CHEMISTRY

Stream Water Analysis

2nd Quarter 2004

Sample ID	Date Sampled	Stream Site#	Temp C	pH	D.O. (mg/L)	Nitrates (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	Ammonia (mg/L)	T.Coliform (cfu/100ml)	F.Coliform (cfu/100ml)	% Salinity
4050004	6/29/04	22	13.21	7.80	8.58	ND	0.25	1662	ND	240	20	23
4050005	6/29/04	21	13.21	7.77	8.69	ND	0.51	1629	ND	5300	200	23
4050006	6/29/04	20	13.23	7.76	8.68	ND	0.43	1640	ND	8200	360	21
4050007	6/29/04	9	13.07	7.79	8.71	ND	0.08	74.5	ND	10600	1100	20
4050008	6/29/04	19	13.06	7.70	9.03	ND	0.09	15.7	ND	12100	900	2
4050009	6/29/04	12	14.11	7.60	8.07	ND	0.08	14.6	ND	TNTC	TNTC	0
4050010	6/29/04	18	14.07	7.61	8.11	ND	0.06	16.0	ND	13900	100	0
4050011	6/29/04	11	12.63	7.58	9.31	ND	0.11	15.3	ND	TNTC	TNTC	0
4050012	6/29/04	27	13.41	7.73	8.56	ND	0.10	154	ND	TNTC	TNTC	21
4050013	6/29/04	7	13.38	7.75	8.57	ND	0.12	162	ND	TNTC	TNTC	21
4050014	6/29/04	28	13.37	7.77	8.60	ND	0.09	162	ND	TNTC	TNTC	19
4050015	6/29/04	4	13.38	7.77	8.63	ND	0.14	155	ND	TNTC	TNTC	17
4050016	6/29/04	5	13.41	7.69	8.60	ND	0.12	23.8	ND	22800	200	9
4050017	6/29/04	16	13.57	7.63	8.67	ND	0.13	23.8	ND	14800	100	7
4050018	6/29/04	24	13.52	7.65	8.69	ND	0.09	29.7	ND	29000	200	7
4050019	6/29/04	23	13.49	7.68	8.73	ND	0.12	22.4	ND	28600	ND	6
4050020	6/29/04	15	13.41	7.66	8.73	ND	0.06	23.2	ND	14600	ND	5
4050021	6/29/04	25	13.27	7.73	8.60	ND	0.19	19.0	ND	TNTC	TNTC	8
4050022	6/29/04	17	13.11	7.74	8.64	ND	0.18	19.1	ND	TNTC	700	7
4050023	6/29/04	26	12.87	7.71	8.66	ND	0.15	17.1	ND	TNTC	TNTC	6
4050024	6/29/04	3	12.41	7.72	8.71	ND	0.15	18.7	ND	TNTC	TNTC	2
4050025	6/29/04	14	12.63	7.69	8.93	ND	0.22	18.2	ND	TNTC	TNTC	0
4050026	6/29/04	13	12.55	7.61	9.11	ND	0.06	23.8	ND	12900	100	0

mg/L = Parts Per Million
cfu = Colony Forming Units
ND = Not detected
TNTC = Too Numerous to Count

Completed:
Reviewed:

Daniel K. Wright
Laboratory Director

LTM

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
07/17/1997	FMETL	ND	ND	ND	ND						
10/30/1997	FMETL	ND	ND	ND	ND						
02/10/1998	FMETL	ND	ND	ND	ND						
04/21/1998	FMETL	ND	ND	ND	ND						
08/19/1998	FMETL	ND	ND	ND	ND						
11/18/1998	FMETL	ND	ND	1.09	ND						
02/25/1999	FMETL	ND	ND	ND	ND						
06/29/1999	FMETL	ND	ND	ND	ND						
09/22/1999	FMETL	ND	ND	ND	ND						
12/09/1999	FMETL	ND	ND	ND	ND						
03/01/2000	FMETL	ND	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	ND	ND	ND	ND						
11/20/2000	FMETL	ND	ND	ND	ND						
03/08/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/05/2002	FMETL	ND	ND	ND	ND						V,P
03/24/2003	FMETL	ND	ND	ND	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND					V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2003	FMETL	ND	ND	ND	3.57	ND					V,P
03/17/2004	FMETL	ND	ND	ND	ND	ND					V,P
05/17/2004	FMETL	ND	ND	ND	ND	ND					V,P

SOURCE: 3

Sampling Dates:
07/17/1997 - 05/17/2004

NOTES:

Stream 3 is Fresh-Water.
MeCl limit is 2.49 ug/L.
PCE limit is 0.388 ug/L.

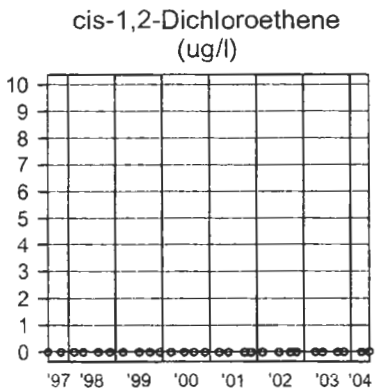
Page 1 of 1

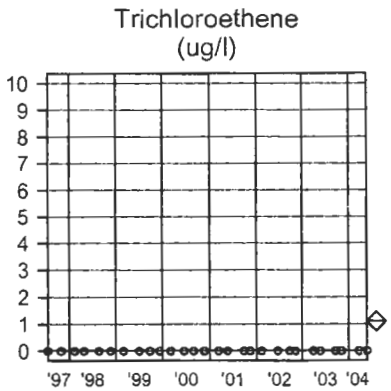
Fort Monmouth

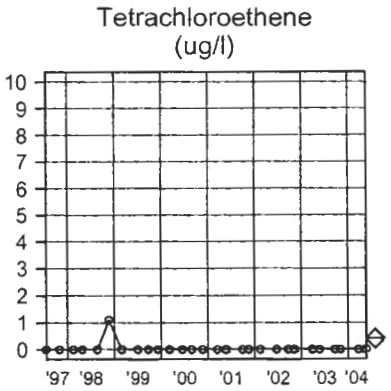
GW Monitoring
Streams

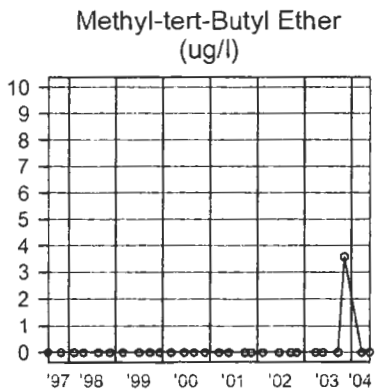
Source 1 of 23

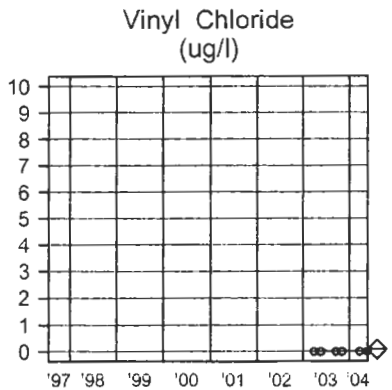
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 3

Sampling Dates:
07/17/1997 - 05/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 1 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	2.18	ND	ND	ND						
07/17/1997	FMETL	1.63	ND	1.61	ND						
10/30/1997	FMETL	ND	ND	1.24	ND						
02/10/1998	FMETL	ND	ND	6.61	ND						
04/21/1998	FMETL	ND	ND	4.42	ND						
08/19/1998	FMETL	1.92	1.10	2.85	ND						
11/17/1998	FMETL	1.19	ND	1.62	ND						
02/25/1999	FMETL	ND	ND	5.61	ND						
06/29/1999	FMETL	2.41	1.56	5.27	ND						
09/22/1999	FMETL	2.02	ND	1.85	ND						
12/09/1999	FMETL	ND	ND	ND	ND						
03/01/2000	FMETL	1.23	1.26	6.18	2.18						
06/12/2000	FMETL	ND	ND	4.37	ND						
08/24/2000	FMETL	1.19	1.19	3.19	ND						
11/20/2000	FMETL	ND	ND	3.70	ND						-
03/08/2001	FMETL	ND	ND	2.52	ND						-
05/16/2001	FMETL	ND	ND	2.95	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	1.64	ND						V
06/18/2002	FMETL	ND	ND	1.97	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND						V,P
03/13/2003	FMETL	0.57	0.51	2.33	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND					V,P
09/17/2003	FMETL	1.14	ND	1.13	ND	ND					V,P
11/04/2003	FMETL	1.03	ND	ND	454.16	ND					V,P
03/17/2004	FMETL	ND	ND	0.81	ND	ND					V,P
05/17/2004	FMETL	ND	ND	ND	ND	ND					V,P

SOURCE: 4

Sampling Dates:
04/08/1997 - 05/17/2004

NOTES:

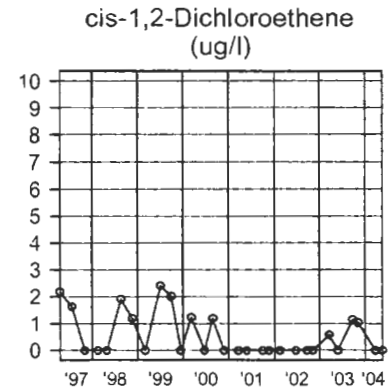
PAGE 1 OF 1
Stream 4 is Salt-Water.
MTBE limit is NLE
cis-1,2-Di limit is NLE
TCE limit is 81
PCE limit is 4.29

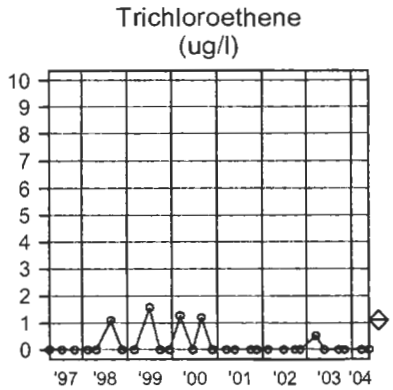
Fort Monmouth

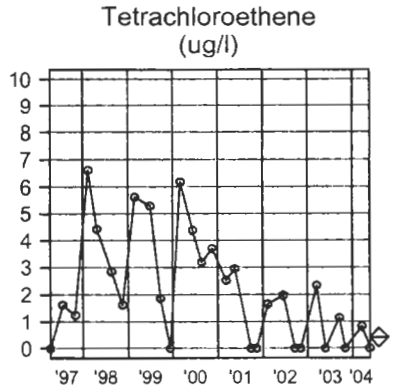
GW Monitoring
Streams

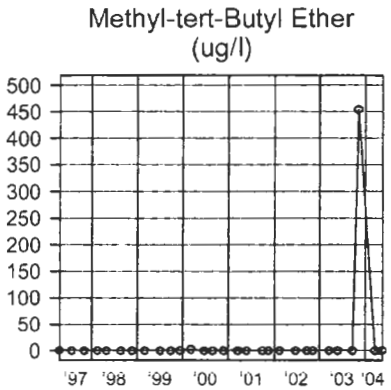
Source 2 of 23

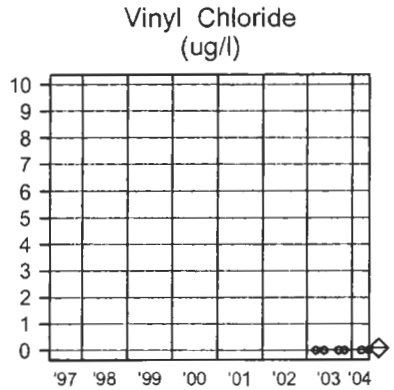
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 4

Sampling Dates:
04/08/1997 - 05/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 2 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	1.80	ND	2.28	ND						
07/17/1997	FMETL	3.66	ND	3.54	ND						
10/30/1997	FMETL	1.83	ND	1.70	ND						
02/10/1998	FMETL	ND	ND	6.34	ND						
04/21/1998	FMETL	ND	ND	4.48	ND						
08/19/1998	FMETL	2.28	1.27	3.39	ND						
11/17/1998	FMETL	1.67	ND	2.17	ND						
02/25/1999	FMETL	ND	ND	5.45	ND						
06/29/1999	FMETL	2.74	1.74	6.04	ND						
09/22/1999	FMETL	1.96	ND	1.82	ND						
12/09/1999	FMETL	1.60	ND	3.82	ND						
03/01/2000	FMETL	1.27	1.36	6.62	2.34						
06/12/2000	FMETL	ND	ND	4.38	ND						
08/24/2000	FMETL	1.19	ND	3.44	ND						
11/20/2000	FMETL	ND	ND	3.58	ND						-
03/08/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	0.97	ND	4.09	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	1.51	ND	1.99	ND						-
02/11/2002	FMETL	ND	ND	2.44	ND						V
06/18/2002	FMETL	ND	ND	2.39	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND						V,P
03/13/2003	FMETL	0.81	0.71	3.08	ND	ND					V,P
05/21/2003	FMETL	ND	ND	3.54	ND	ND					V,P
09/17/2003	FMETL	1.36	ND	1.23	ND	ND					V,P
11/04/2003	FMETL	1.34	ND	ND	556.49	ND					V,P
03/17/2004	FMETL	0.57	0.57	2.21	ND	ND					V,P
05/17/2004	FMETL	1.19	ND	1.31	ND	ND					V,P

SOURCE: 5

Sampling Dates:
04/08/1997 - 05/17/2004

NOTES:

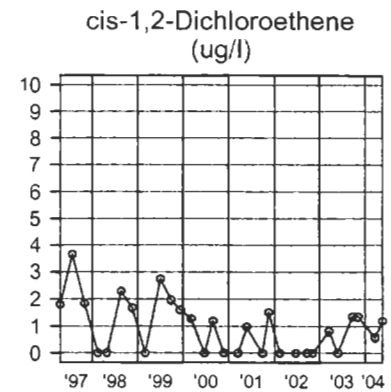
Page 1 of 1
Stream 5 is Salt-Water.
MeCl limit is 1600 ug/L.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.

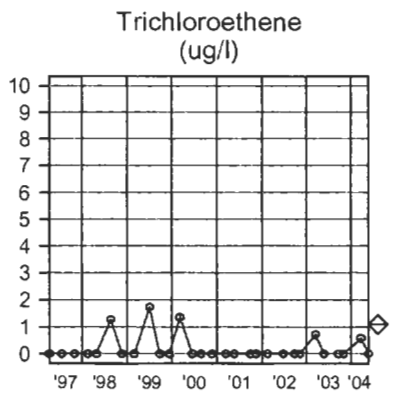
Fort Monmouth

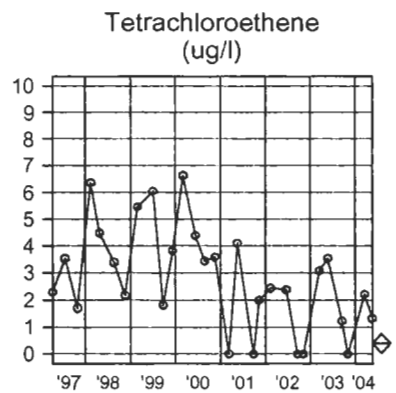
GW Monitoring
Streams

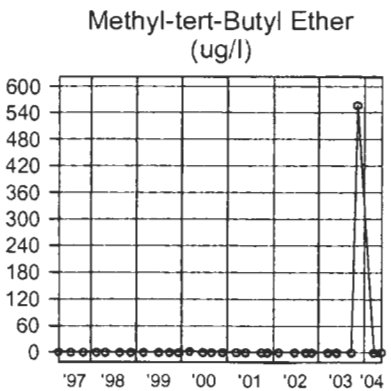
Source 3 of 23

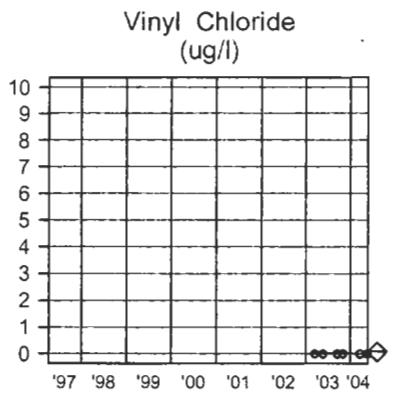
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 5

Sampling Dates:
04/08/1997 - 05/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 3 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	ND	ND	ND	ND						
07/17/1997	FMETL	1.14	ND	1.08	ND						
10/30/1997	FMETL	ND	ND	ND	ND						
02/10/1998	FMETL	ND	ND	2.04	ND						
04/21/1998	FMETL	ND	ND	2.40	ND						
08/19/1998	FMETL	ND	ND	ND	ND						
11/17/1998	FMETL	ND	ND	ND	ND						
02/25/1999	FMETL	ND	ND	2.85	ND						
06/29/1999	FMETL	ND	ND	1.42	2.00						
09/22/1999	FMETL	ND	ND	ND	ND						
12/09/1999	FMETL	ND	ND	ND	ND						
03/01/2000	FMETL	1.19	1.30	6.47	2.14						
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	ND	ND	1.77	ND						
11/20/2000	FMETL	ND	ND	1.94	ND						-
03/08/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND						V,P
03/13/2003	FMETL	ND	ND	1.61	ND	ND					V,P
05/21/2003	FMETL	ND	ND	2.67	ND	ND					V,P
09/17/2003	FMETL	1.17	ND	1.08	ND	ND					V,P
11/04/2003	FMETL	0.83	ND	1.04	347.04	ND					V,P
03/17/2004	FMETL	ND	ND	0.85	ND	ND					V,P
05/17/2004	FMETL	ND	ND	ND	ND	ND					V,P

SOURCE: 7

Sampling Dates:
04/08/1997 - 05/17/2004

NOTES:

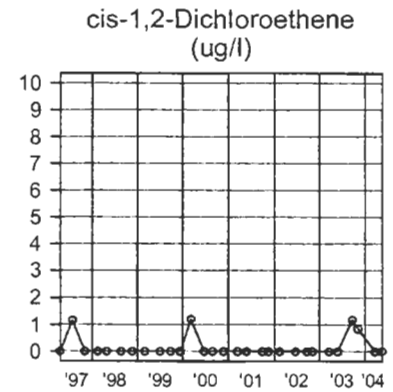
Page 1 of 1
Stream 7 is Salt-Water.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.
Acetone limit is NLE.

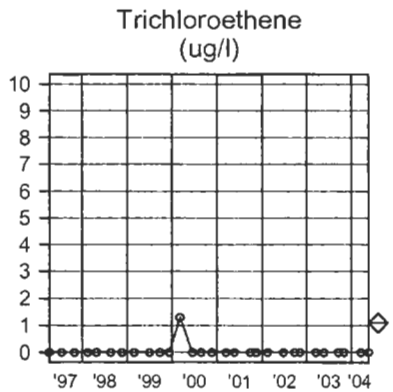
Fort Monmouth

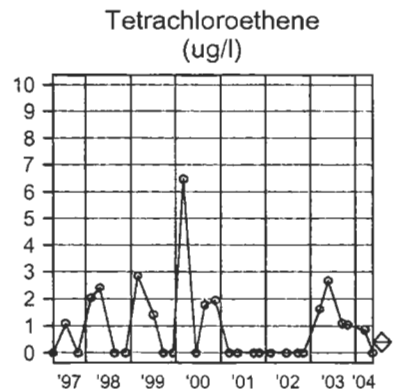
GW Monitoring
Streams

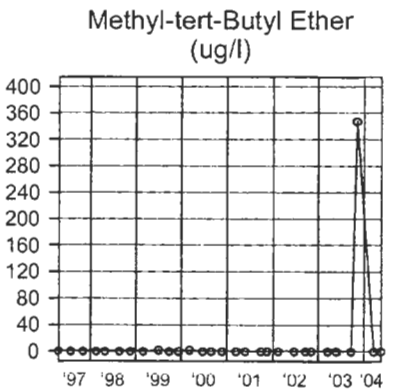
Source 4 of 23

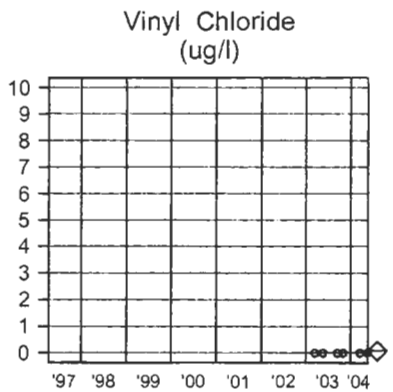
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 7

Sampling Dates:
04/08/1997 - 05/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 4 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

08-04-2004 X:\MtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	2.78	ND	ND	ND						
07/17/1997	FMETL	ND	ND	ND	ND						
10/30/1997	FMETL	2.14	ND	ND	ND						
02/10/1998	FMETL	6.00	ND	ND	ND						
04/21/1998	FMETL	4.73	ND	ND	ND						
08/19/1998	FMETL	1.69	ND	ND	ND						
11/17/1998	FMETL	ND	ND	ND	ND						
02/25/1999	FMETL	1.78	ND	ND	ND						
06/29/1999	FMETL	ND	ND	ND	ND						
09/21/1999	FMETL	1.91	ND	ND	ND						
12/09/1999	FMETL	ND	ND	ND	ND						
03/01/2000	FMETL	2.17	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	1.11	ND	ND	ND						
11/20/2000	FMETL	ND	ND	ND	ND						-
11/20/2000D	FMETL	ND	ND	ND	ND						-
02/21/2001	FMETL	1.72	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/11/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	1.24	ND	ND	ND						V,P
03/13/2003	FMETL	9.40	ND	ND	ND	ND					V,P
05/21/2003	FMETL	1.48	ND	ND	ND	ND					V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2003	FMETL	8.75	ND	ND	ND	3.10					V,P
03/17/2004	FMETL	1.36	ND	ND	ND	ND					V,P
05/17/2004	FMETL	0.81	ND	ND	ND	ND					V,P

SOURCE: 9

Sampling Dates:
04/08/1997 - 05/17/2004

NOTES:

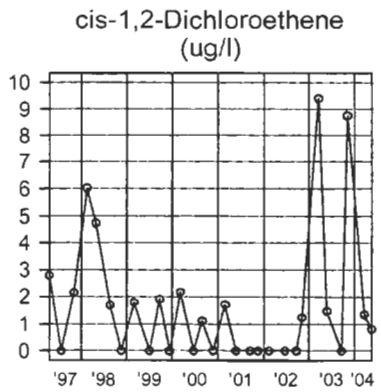
PAGE 1 OF 1
Stream 9 is Salt-Water.
MeCl limit is 1600 ug/L.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.

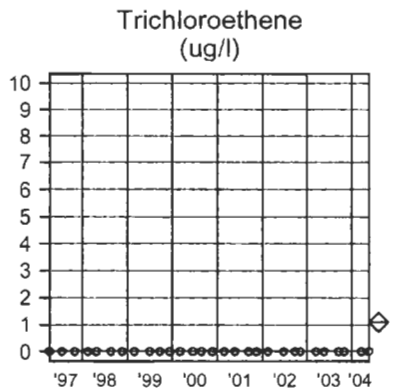
Fort Monmouth

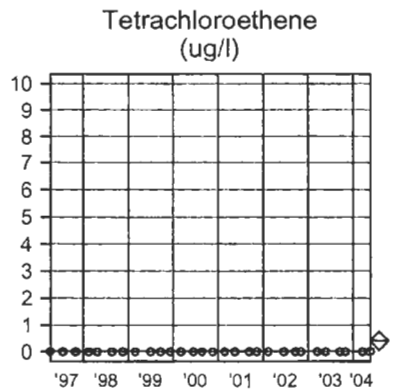
GW Monitoring
Streams

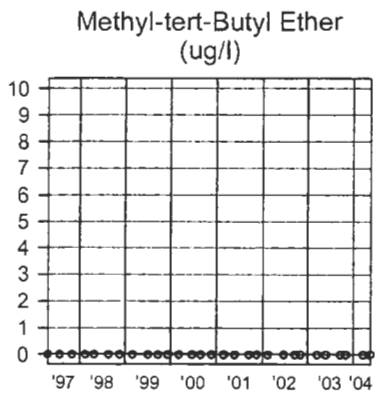
Source 5 of 23

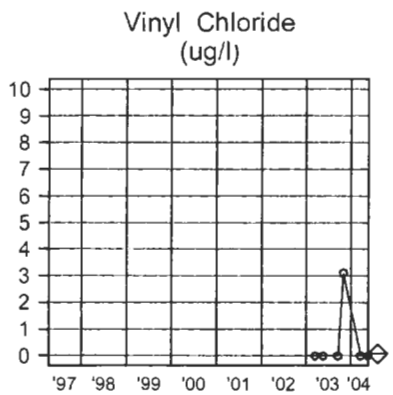
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 9

Sampling Dates:
04/08/1997 - 05/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 5 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	18.72	1.58	ND	ND						
07/17/1997	FMETL	14.13	ND	ND	ND						
10/30/1997	FMETL	18.23	ND	ND	ND						
02/10/1998	FMETL	24.71	2.14	ND	ND						
04/21/1998	FMETL	21.66	1.82	ND	ND						
08/19/1998	FMETL	11.73	ND	ND	ND						
11/18/1998	FMETL	8.82	ND	ND	ND						
02/25/1999	FMETL	9.11	ND	ND	ND						
06/29/1999	FMETL	5.77	ND	ND	ND						
09/21/1999	FMETL	15.62	ND	ND	ND						
12/09/1999	FMETL	11.90	ND	ND	ND						
03/01/2000	FMETL	11.01	ND	ND	1.64						
06/12/2000	FMETL	8.03	ND	ND	ND						
08/24/2000	FMETL	9.08	ND	ND	ND						
08/24/2000D	FMETL	8.70	ND	ND	ND						
11/20/2000	FMETL	5.34	ND	ND	ND						-
02/21/2001	FMETL	8.26	ND	ND	ND						-
05/16/2001	FMETL	5.21	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	1.93	ND	ND	ND						-
02/11/2002	FMETL	1.05	ND	ND	ND						V
06/18/2002	FMETL	3.08	ND	ND	ND						V,P
09/18/2002	FMETL	4.17	ND	ND	ND						V,P
11/05/2002	FMETL	7.48	ND	ND	ND	1.33					V,P
03/13/2003	FMETL	24.28	0.67	ND	0.79	3.37					V,P
05/21/2003	FMETL	14.79	ND	ND	ND	1.41					V,P
09/17/2003	FMETL	7.79	ND	ND	ND	1.74					V,P
11/04/2003	FMETL	8.75	ND	ND	ND	3.10					V,P
03/17/2004	FMETL	8.14	0.46	ND	ND	2.07					V,P
05/17/2004	FMETL	9.25	ND	ND	ND	2.43					V,P

SOURCE: 11

Sampling Dates:
04/08/1997 - 05/17/2004

NOTES:

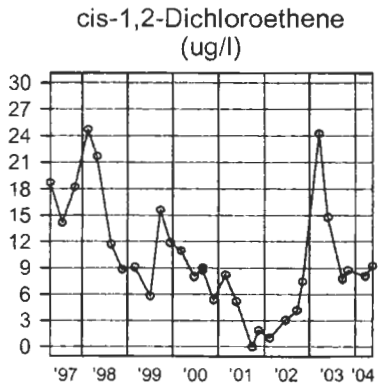
Page 1 of1
Stream 11 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09 ug/L.
MTBE limit is NLE.

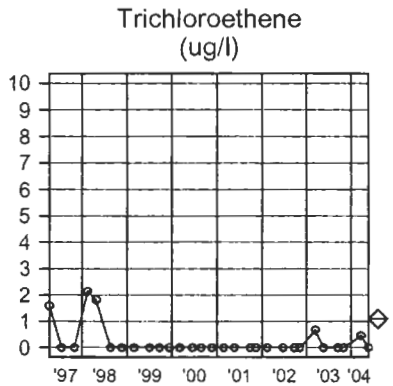
Fort Monmouth

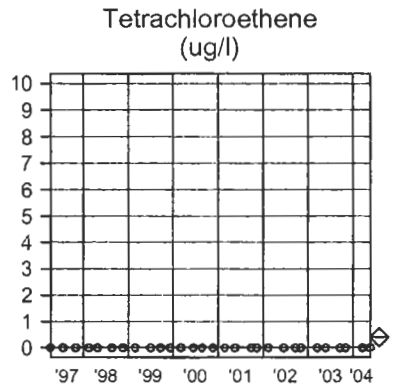
GW Monitoring
Streams

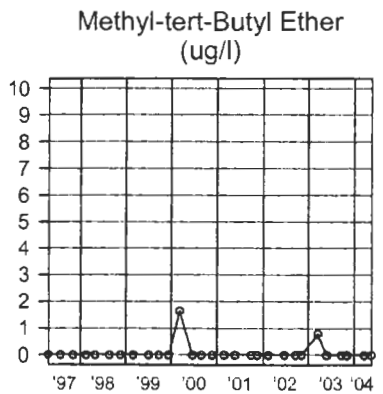
Source 6 of 23

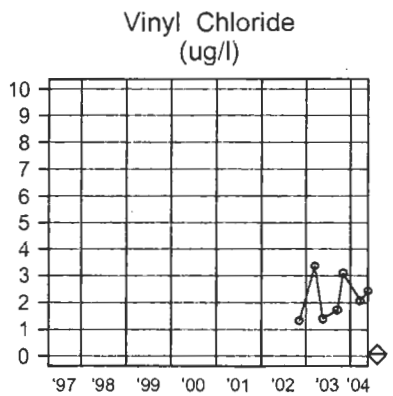
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 11

Sampling Dates:
04/08/1997 - 05/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 6 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	6.63	ND	ND	ND						
07/17/1997	FMETL	ND	ND	ND	ND						
10/30/1997	FMETL	5.67	ND	ND	ND						
02/10/1998	FMETL	6.54	ND	ND	ND						
04/21/1998	FMETL	ND	ND	ND	ND						
08/19/1998	FMETL	4.58	ND	ND	ND						
11/18/1998	FMETL	2.48	ND	ND	ND						
02/25/1999	FMETL	1.80	ND	ND	ND						
06/29/1999	FMETL	1.39	ND	ND	ND						
09/21/1999	FMETL	3.67	ND	ND	ND						
12/09/1999	FMETL	2.74	ND	ND	ND						
03/01/2000	FMETL	3.13	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	2.00	ND	ND	ND						
11/20/2000	FMETL	1.87	ND	ND	ND						-
02/21/2001	FMETL	1.89	ND	ND	ND						-
05/16/2001	FMETL	1.66	ND	ND	ND						-
05/16/2001D	FMETL	1.72	ND	ND	ND						-
09/11/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/05/2002	FMETL	5.16	ND	ND	ND	ND					V,P
03/13/2003	FMETL	9.43	ND	ND	1.18	1.30					V,P
05/21/2003	FMETL	3.90	ND	ND	ND	ND					V,P
09/17/2003	FMETL	2.91	ND	ND	ND	ND					V,P
11/04/2003	FMETL	5.34	ND	ND	ND	1.29					V,P
03/17/2004	FMETL	1.53	ND	ND	ND	ND					V,P
05/17/2004	FMETL	1.38	ND	ND	ND	ND					V,P

SOURCE: 12

Sampling Dates:
04/08/1997 - 05/17/2004

NOTES:

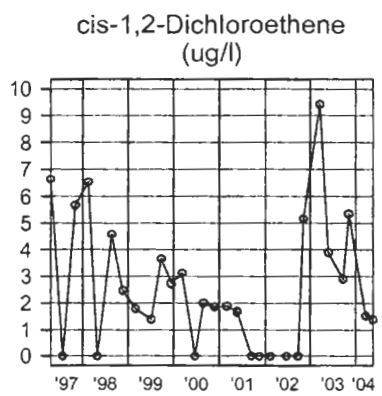
Page 1 of 1
Stream 12 is Fresh-Water.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.

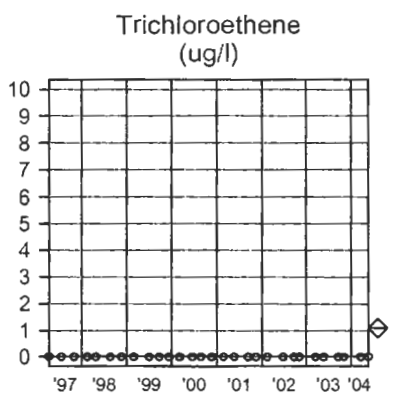
Fort Monmouth

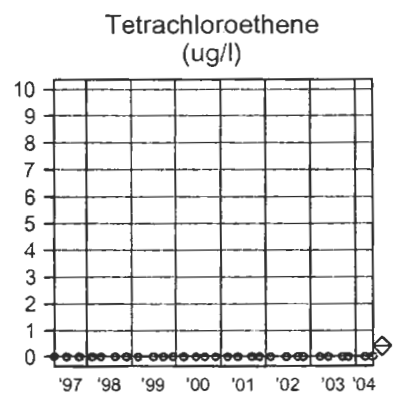
GW Monitoring
Streams

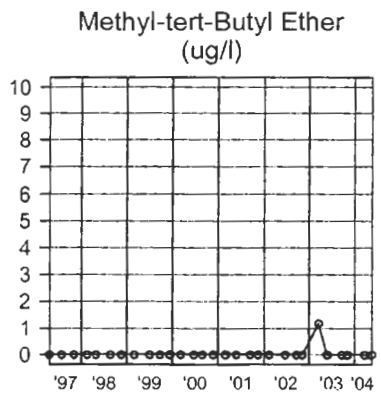
Source 7 of 23

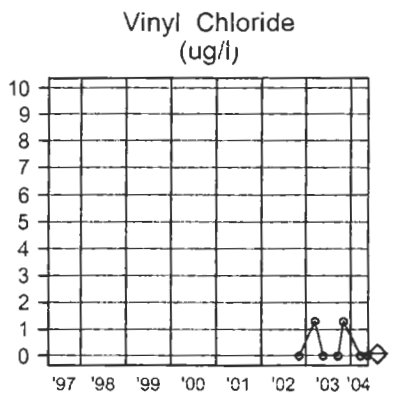
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 12

Sampling Dates:
04/08/1997 - 05/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 7 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	ND	ND	ND	ND						
07/17/1997	FMETL	ND	ND	ND	ND						
10/30/1997	FMETL	ND	ND	ND	ND						
02/10/1998	FMETL	ND	ND	ND	ND						
04/21/1998	FMETL	ND	ND	ND	ND						
08/19/1998	FMETL	ND	ND	ND	ND						
11/18/1998	FMETL	ND	ND	ND	ND						
02/25/1999	FMETL	ND	ND	ND	ND						
06/29/1999	FMETL	ND	ND	ND	ND						
09/22/1999	FMETL	ND	ND	ND	ND						
12/09/1999	FMETL	ND	ND	3.94	ND						
03/01/2000	FMETL	1.35	1.40	6.92	2.40						
06/12/2000	FMETL	ND	ND	5.56	ND						
08/24/2000	FMETL	2.17	1.78	5.40	ND						
11/20/2000	FMETL	ND	ND	6.58	ND						-
02/21/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/05/2002	FMETL	ND	ND	1.46	ND	ND					V,P
03/24/2003	FMETL	ND	ND	ND	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND					V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2003	FMETL	ND	ND	ND	907.66	ND					V,P
03/17/2004	FMETL	ND	ND	ND	ND	ND					V,P
05/17/2004	FMETL	ND	ND	ND	ND	ND					V,P

SOURCE: 13

Sampling Dates:
04/08/1997 - 05/17/2004

NOTES:

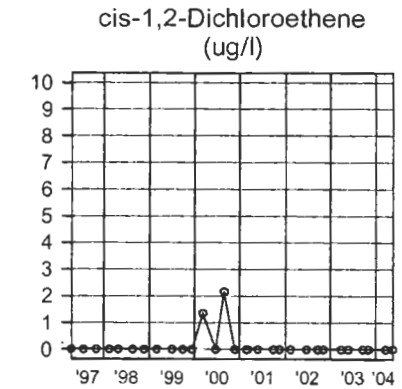
Page 1 of 1
Stream 13 is Fresh-Water.
MeCl limit is 2.49 ug/L.
cis-1,2-Di limit is NLE.
TCE limit is 1.09.
PCE limit is 0.388 ug/L.
Acetone limit is NLE.
MTBE limit is NLE.

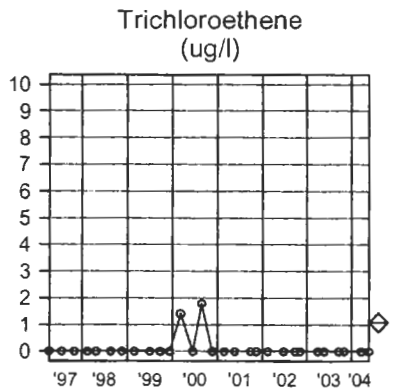
Fort Monmouth

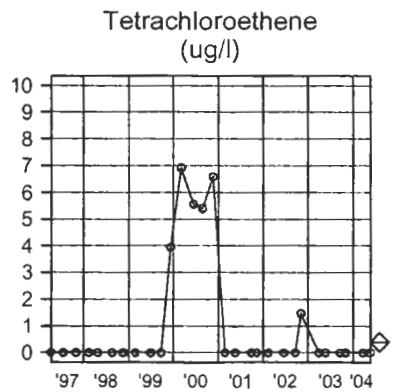
GW Monitoring
Streams

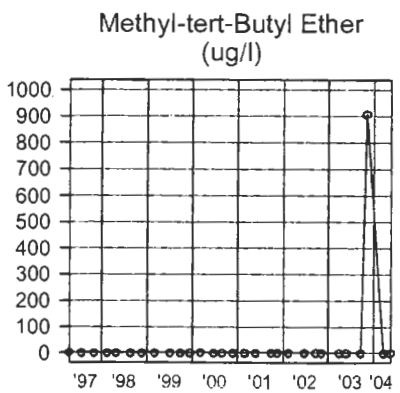
Source 8 of 23

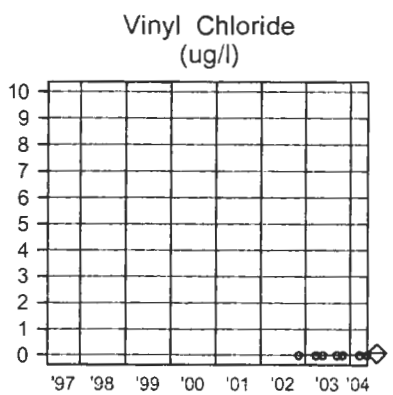
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 13

Sampling Dates:
04/08/1997 - 05/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 8 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	ND	ND	ND	ND						
07/17/1997	FMETL	ND	ND	ND	ND						
10/30/1997	FMETL	1.59	1.75	ND	ND						
02/10/1998	FMETL	ND	ND	ND	ND						
04/21/1998	FMETL	ND	ND	ND	ND						
08/19/1998	FMETL	ND	ND	ND	ND						
11/18/1998	FMETL	ND	ND	ND	ND						
02/25/1999	FMETL	ND	ND	ND	ND						
06/29/1999	FMETL	ND	ND	ND	ND						
09/22/1999	FMETL	ND	ND	ND	ND						
12/09/1999	FMETL	11.26	ND	ND	ND						
03/01/2000	FMETL	ND	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	ND	ND	ND	ND						
11/20/2000	FMETL	ND	ND	ND	ND						-
03/08/2001	FMETL	ND	ND	ND	ND						-
03/08/2001D	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/05/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/24/2003	FMETL	ND	ND	ND	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND					V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2003	FMETL	ND	ND	ND	ND	ND					V,P
03/17/2004	FMETL	ND	ND	ND	ND	ND					V,P
05/17/2004	FMETL	ND	ND	ND	ND	ND					V,P

SOURCE: 14

Sampling Dates:
04/08/1997 - 05/17/2004

NOTES:

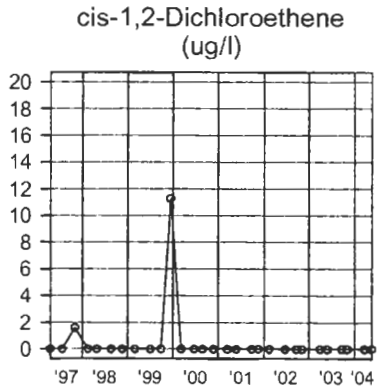
Page 1 of 1
Stream 14 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09.
Acetone limit is NLE.

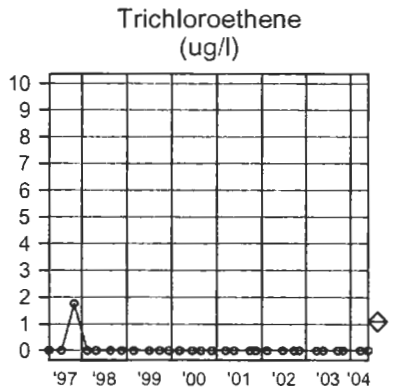
Fort Monmouth

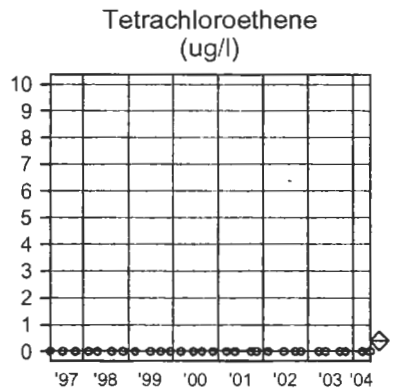
GW Monitoring
Streams

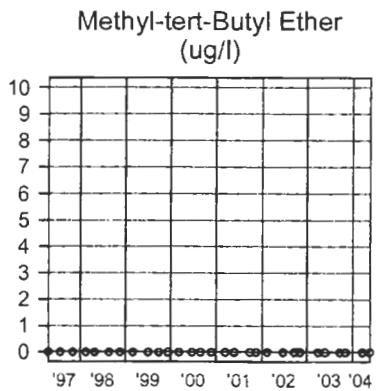
Source 9 of 23

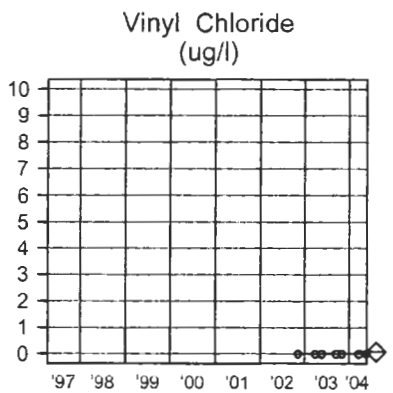
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 14

Sampling Dates:
04/08/1997 - 05/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 9 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	2.69	1.60	6.00	ND						
07/17/1997	FMETL	5.53	2.50	7.12	ND						
10/30/1997	FMETL	2.57	ND	2.72	ND						
02/10/1998	FMETL	ND	1.03	6.90	ND						
04/21/1998	FMETL	1.22	1.21	5.72	ND						
08/19/1998	FMETL	3.89	2.06	5.39	ND						
11/18/1998	FMETL	ND	ND	ND	ND						
02/25/1999	FMETL	ND	ND	7.33	ND						
06/29/1999	FMETL	4.17	2.40	7.86	ND						
09/21/1999	FMETL	3.59	1.37	2.61	ND						
12/09/1999	FMETL	ND	ND	4.08	ND						
03/01/2000	FMETL	1.39	1.39	6.95	2.38						
06/12/2000	FMETL	ND	ND	5.94	ND						
08/24/2000	FMETL	2.02	1.09	5.20	ND						
11/20/2000	FMETL	ND	ND	6.29	ND						-
02/21/2001	FMETL	ND	ND	7.19	ND						-
05/16/2001	FMETL	1.50	ND	6.64	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
09/25/2001D	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	3.09	ND	3.49	ND						-
02/11/2002	FMETL	ND	ND	2.65	ND						V
06/18/2002	FMETL	1.63	ND	2.67	ND						V,P
09/18/2002	FMETL	2.39	ND	2.55	ND						V,P
11/05/2002	FMETL	ND	ND	1.52	ND	ND					V,P
03/24/2003	FMETL	1.44	1.11	3.96	ND	ND					V,P
05/21/2003	FMETL	1.89	ND	3.84	ND	ND					V,P
09/17/2003	FMETL	1.64	ND	1.60	ND	ND					V,P
11/04/2003	FMETL	1.71	0.53	1.49	535.08	ND					V,P
03/17/2004	FMETL	0.55	0.55	2.26	ND	ND					V,P
05/15/2004	FMETL	1.18	ND	1.28	ND	ND					V,P

SOURCE: 15

Sampling Dates:
04/08/1997 - 05/15/2004

NOTES:

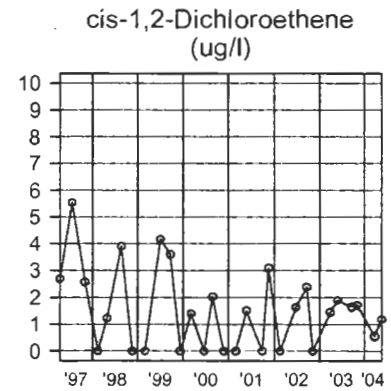
Page 1 of 1
Stream 15 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09 ug/L.
PCE limit is 0.388 ug/L.
MTBE limit is NLE.

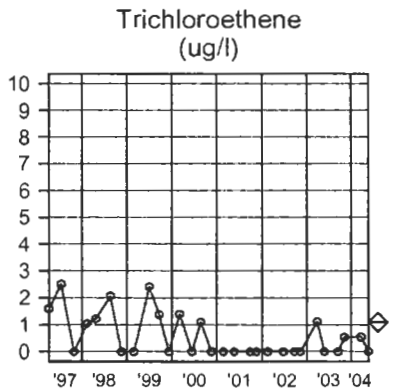
Fort Monmouth

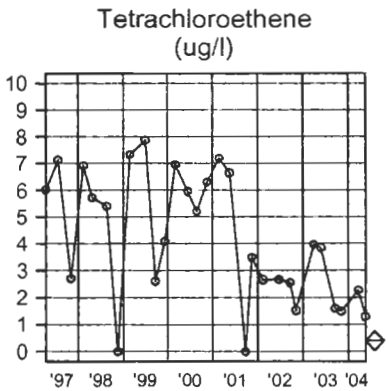
GW Monitoring
Streams

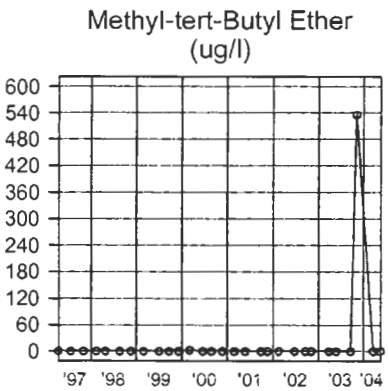
Source 10 of 23

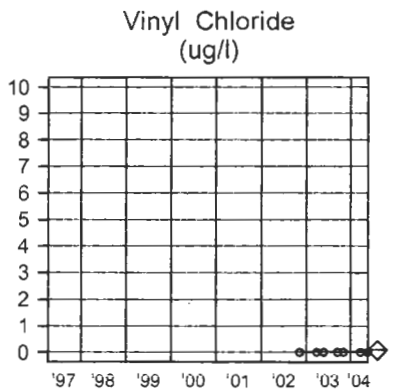
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 15

Sampling Dates:
04/08/1997 - 05/15/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 10 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	2.05	1.26	4.47	ND						
07/17/1997	FMETL	2.55	ND	4.72	ND						
10/30/1997	FMETL	1.76	ND	1.86	ND						
02/10/1998	FMETL	ND	ND	6.23	ND						
04/21/1998	FMETL	ND	ND	4.58	ND						
08/19/1998	FMETL	2.94	1.63	4.33	ND						
11/18/1998	FMETL	ND	ND	1.48	ND						
02/25/1999	FMETL	ND	ND	6.06	ND						
06/29/1999	FMETL	3.56	2.25	7.70	ND						
09/22/1999	FMETL	2.74	ND	2.63	ND						
12/09/1999	FMETL	1.79	ND	4.13	ND						
03/01/2000	FMETL	1.28	1.27	6.47	2.33						
06/12/2000	FMETL	ND	ND	3.74	ND						
08/24/2000	FMETL	1.68	1.28	4.47	ND						
11/20/2000	FMETL	ND	ND	4.49	ND						-
02/21/2001	FMETL	ND	ND	6.25	ND						-
05/16/2001	FMETL	1.23	ND	4.91	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	1.41	ND	2.00	ND						-
02/11/2002	FMETL	ND	ND	2.47	ND						V
06/18/2002	FMETL	1.35	ND	2.46	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/05/2002	FMETL	ND	ND	1.49	ND	ND					V,P
03/13/2003	FMETL	0.90	0.74	3.21	ND	ND					V,P
05/21/2003	FMETL	1.85	ND	3.68	ND	ND					V,P
09/17/2003	FMETL	1.79	ND	1.70	ND	ND					V,P
11/04/2003	FMETL	1.31	ND	ND	497.62	ND					V,P
03/17/2004	FMETL	0.54	0.56	2.26	0.29	ND					V,P
05/17/2004	FMETL	1.23	ND	1.32	ND	ND					V,P

SOURCE: 16

Sampling Dates:
04/08/1997 - 05/17/2004

NOTES:

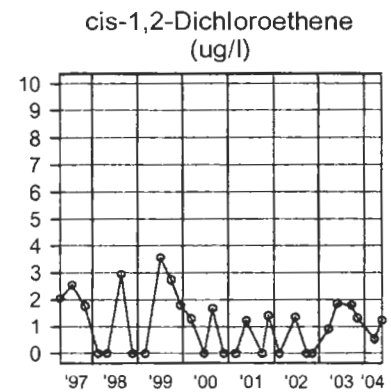
Page 1 of 1
Stream 16 is Salt-Water.
cis-1,2-di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.

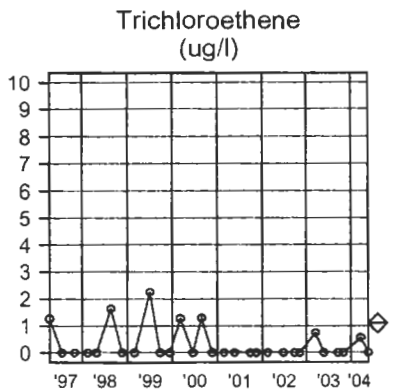
Fort Monmouth

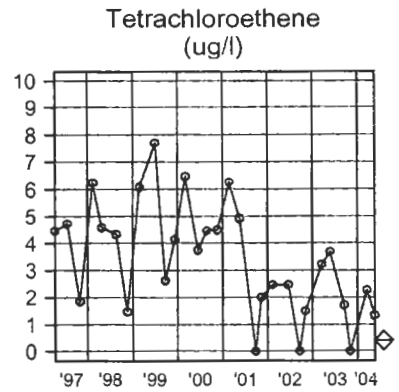
GW Monitoring
Streams

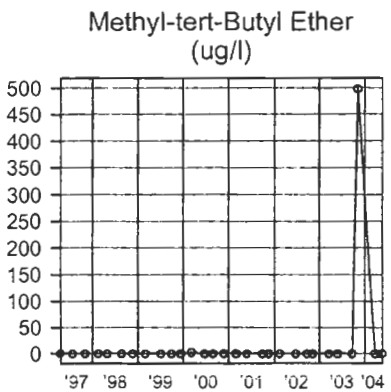
Source 11 of 23

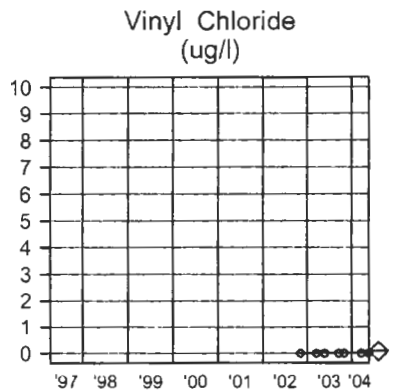
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 16

Sampling Dates:
04/08/1997 - 05/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 11 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	ND	ND	ND	ND						
07/17/1997	FMETL	ND	ND	ND	ND						
10/30/1997	FMETL	ND	ND	ND	ND						
02/10/1998	FMETL	ND	ND	ND	ND						
04/21/1998	FMETL	ND	ND	ND	ND						
08/19/1998	FMETL	ND	ND	ND	ND						
11/18/1998	FMETL	4.43	2.12	5.09	ND						
02/25/1999	FMETL	ND	ND	ND	ND						
06/29/1999	FMETL	ND	ND	ND	ND						
09/22/1999	FMETL	1.09	ND	ND	ND						
12/09/1999	FMETL	ND	ND	ND	ND						
03/01/2000	FMETL	ND	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	ND	ND	ND	ND						
11/20/2000	FMETL	ND	ND	ND	ND						-
03/08/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/24/2003	FMETL	ND	ND	ND	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND					V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2003	FMETL	ND	ND	ND	3.58	ND					V,P
03/17/2004	FMETL	ND	ND	ND	ND	ND					V,P
05/17/2004	FMETL	ND	ND	ND	ND	ND					V,P

SOURCE: 17

Sampling Dates:
04/08/1997 - 05/17/2004

NOTES:

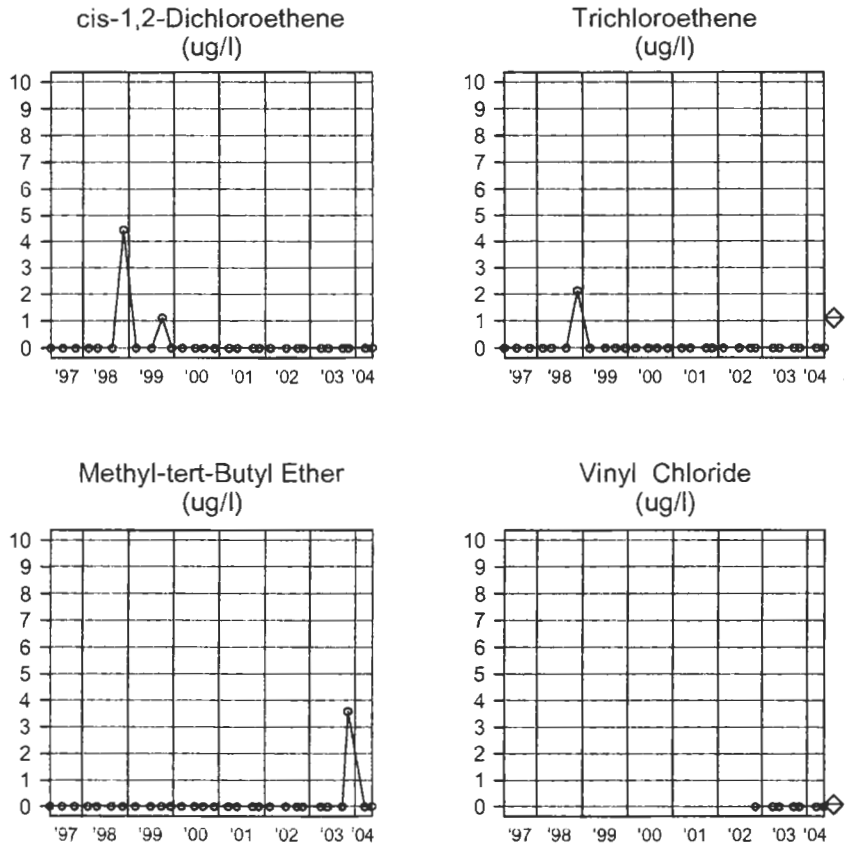
Page 1 of 1
stream 17 is Salt-Water.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
Acetone limit is NLE.
Chlorobenzene limit is 21000 ug/L.

Fort Monmouth

GW Monitoring
Streams

Source 12 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 17

Sampling Dates:
04/08/1997 - 05/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 12 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	ND	ND	ND	ND						
07/17/1997	FMETL	1.06	ND	ND	ND						
10/30/1997	FMETL	5.87	ND	ND	ND						
02/10/1998	FMETL	14.36	ND	ND	ND						
04/21/1998	FMETL	ND	ND	ND	ND						
08/19/1998	FMETL	4.65	ND	ND	ND						
11/18/1998	FMETL	3.18	ND	ND	ND						
02/25/1999	FMETL	3.95	ND	ND	ND						
06/29/1999	FMETL	1.47	ND	ND	ND						
09/21/1999	FMETL	4.67	ND	ND	ND						
12/09/1999	FMETL	4.90	ND	ND	ND						
03/01/2000	FMETL	5.57	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	2.46	ND	ND	ND						
11/20/2000	FMETL	1.80	ND	ND	ND						-
02/21/2001	FMETL	4.10	ND	ND	ND						-
05/16/2001	FMETL	1.45	ND	ND	ND						-
09/11/2001	FMETL	ND	ND	ND	ND						-
09/11/2001D	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/05/2002	FMETL	5.14	ND	ND	ND	ND					V,P
03/13/2003	FMETL	17.75	0.52	ND	0.67	2.33					V,P
05/21/2003	FMETL	3.92	ND	ND	ND	ND					V,P
09/17/2003	FMETL	2.89	ND	ND	ND	ND					V,P
11/04/2003	FMETL	5.41	ND	ND	ND	1.29					V,P
03/17/2004	FMETL	1.49	ND	ND	ND	ND					V,P
05/17/2004	FMETL	1.30	ND	ND	ND	ND					V,P

SOURCE: 18

Sampling Dates:
04/08/1997 - 05/17/2004

NOTES:

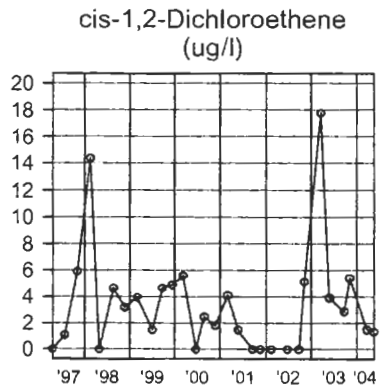
Page 1 of 1
Stream 18 is Fresh-Water.
cis-1,2-Di limit is NLE.

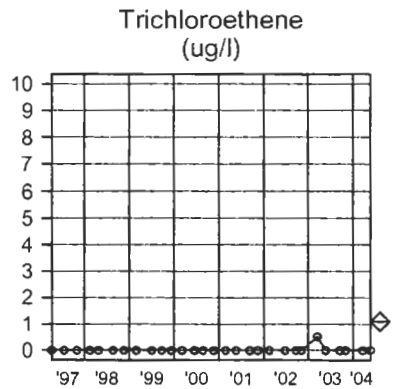
Fort Monmouth

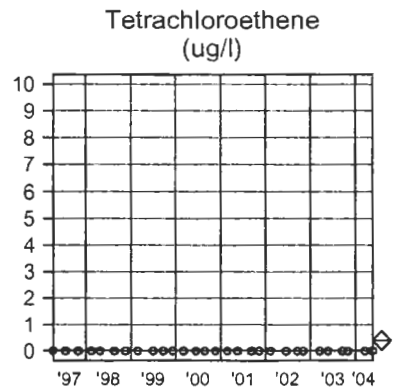
GW Monitoring
Streams

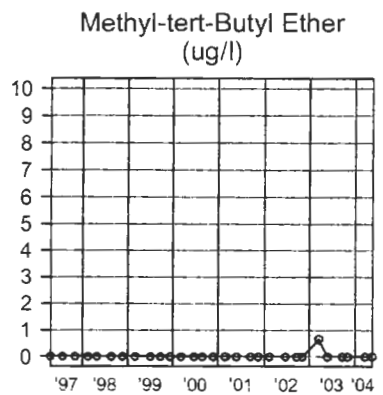
Source 13 of 23

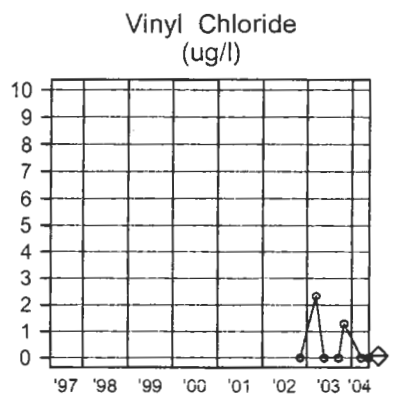
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 18

Sampling Dates:
04/08/1997 - 05/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 13 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	6.44	ND	ND	ND						
07/17/1997	FMETL	ND	ND	ND	ND						
10/30/1997	FMETL	4.69	ND	ND	ND						
02/10/1998	FMETL	8.22	ND	ND	ND						
04/21/1998	FMETL	6.86	ND	ND	ND						
08/19/1998	FMETL	2.95	ND	ND	ND						
11/17/1998	FMETL	2.3	ND	ND	ND						
02/25/1999	FMETL	2.30	ND	ND	ND						
06/29/1999	FMETL	ND	ND	ND	ND						
09/21/1999	FMETL	3.53	ND	ND	ND						
12/09/1999	FMETL	2.60	ND	ND	ND						
03/01/2000	FMETL	2.92	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	2.07	ND	ND	ND						
11/20/2000	FMETL	ND	ND	ND	ND						-
02/21/2001	FMETL	2.99	ND	ND	ND						-
02/21/2001D	FMETL	3.87	ND	ND	ND						-
05/16/2001	FMETL	1.57	ND	ND	ND						-
09/11/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	2.69	ND	ND	ND	ND					V,P
03/13/2003	FMETL	13.43	0.44	ND	ND	1.61					V,P
05/21/2003	FMETL	3.07	ND	ND	ND	ND					V,P
09/17/2003	FMETL	1.72	ND	ND	ND	ND					V,P
11/04/2003	FMETL	4.00	ND	ND	ND	ND					V,P
03/17/2004	FMETL	1.72	ND	ND	ND	ND					V,P
05/17/2004	FMETL	1.18	ND	ND	ND	ND					V,P

SOURCE: 19

Sampling Dates:
04/08/1997 - 05/17/2004

NOTES:

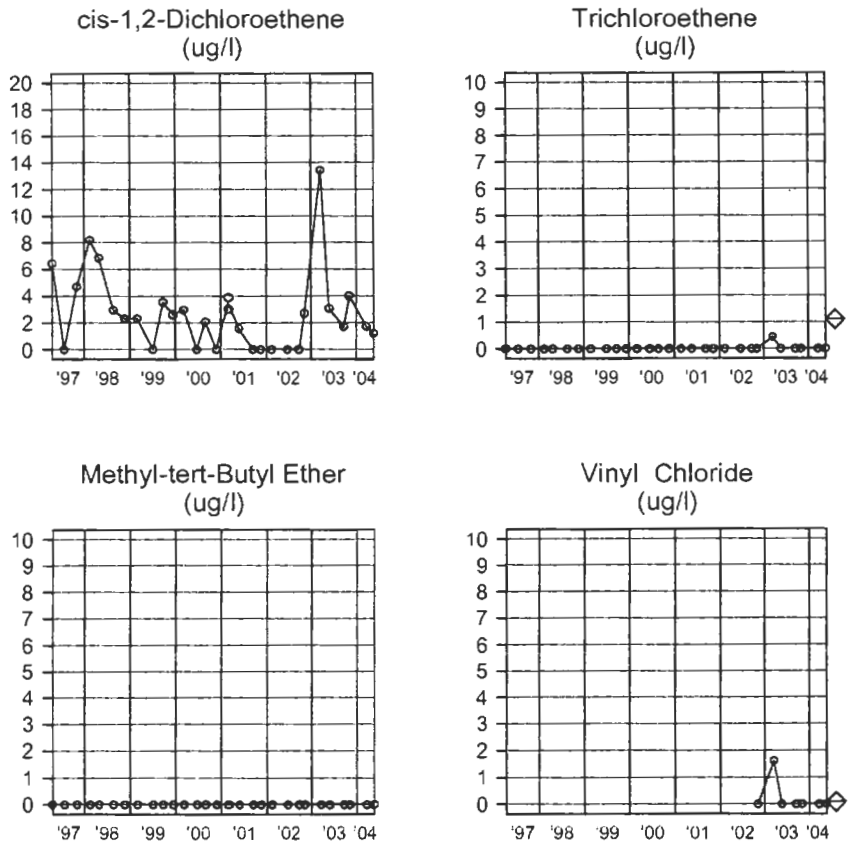
Page 1 of 1
Stream 19 is Salt-Water.
cis-1,2-Di limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 14 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 19

Sampling Dates:
04/08/1997 - 05/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 14 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	ND	ND	ND	ND						
07/17/1997	FMETL	ND	ND	ND	2.63						
10/30/1997	FMETL	ND	ND	ND	ND						
02/10/1998	FMETL	ND	ND	ND	ND						
04/21/1998	FMETL	ND	ND	ND	ND						
08/19/1998	FMETL	ND	ND	ND	4.85						
11/17/1998	FMETL	ND	ND	ND	ND						
02/25/1999	FMETL	ND	ND	ND	ND						
06/29/1999	FMETL	ND	ND	ND	5.70						
09/21/1999	FMETL	ND	ND	ND	2.10						
12/09/1999	FMETL	ND	ND	ND	ND						
03/01/2000	FMETL	ND	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	6.38						
08/24/2000	FMETL	ND	ND	ND	2.58						
11/20/2000	FMETL	ND	ND	ND	ND						-
02/21/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	1.26						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/13/2003	FMETL	ND	ND	0.64	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	1.37	ND					V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2003	FMETL	ND	ND	ND	21.91	ND					V,P
03/17/2004	FMETL	ND	ND	ND	ND	ND					V,P
05/17/2004	FMETL	ND	ND	ND	2.21	ND					V,P

SOURCE: 20

Sampling Dates:
04/08/1997 - 05/17/2004

NOTES:

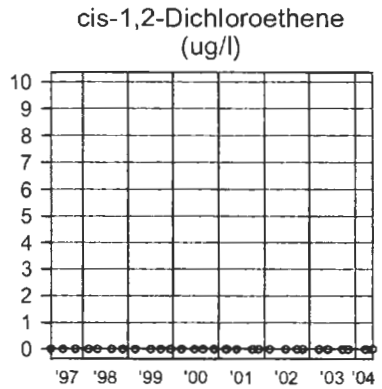
Page 1 of 1
Stream20 is Salt-Water.
Ethylben limit is 27900 ug/L.
MTBE limit is NLE.

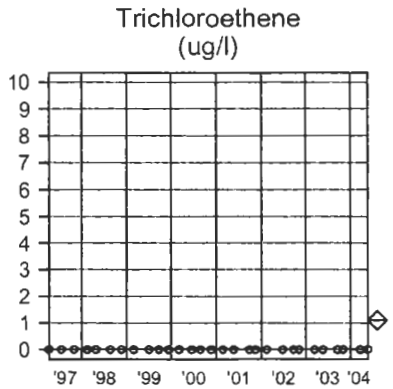
Fort Monmouth

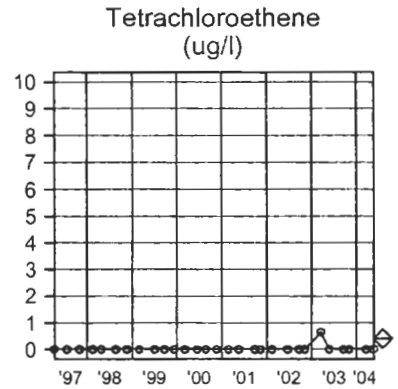
GW Monitoring
Streams

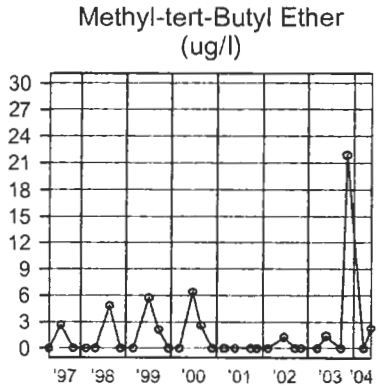
Source 15 of 23

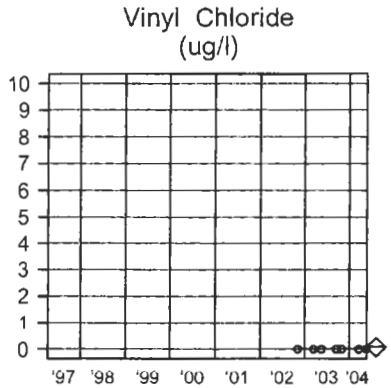
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 20

Sampling Dates:
04/08/1997 - 05/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 15 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	ND	ND	ND	ND						
07/17/1997	FMETL	ND	ND	ND	2.90						
10/30/1997	FMETL	ND	ND	ND	ND						
02/10/1998	FMETL	ND	ND	ND	ND						
04/21/1998	FMETL	ND	ND	ND	ND						
08/19/1998	FMETL	ND	ND	ND	4.71						
11/17/1998	FMETL	ND	ND	ND	ND						
02/25/1999	FMETL	ND	ND	ND	ND						
06/29/1999	FMETL	ND	ND	ND	7.40						
09/21/1999	FMETL	1.17	ND	ND	2.24						
12/09/1999	FMETL	ND	ND	ND	ND						
03/01/2000	FMETL	ND	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	ND	ND	ND	2.67						
11/20/2000	FMETL	ND	ND	ND	ND						-
02/21/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/11/2001	FMETL	ND	ND	ND	1.76						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/13/2003	FMETL	ND	ND	0.63	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	1.34	ND					V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2003	FMETL	ND	ND	ND	22.28	ND					V,P
03/17/2004	FMETL	ND	ND	ND	ND	ND					V,P
05/17/2004	FMETL	ND	ND	ND	2.28	ND					V,P
05/17/2004	FMETL	ND	ND	ND	ND	ND					V,P

SOURCE: 21

Sampling Dates:
04/08/1997 - 05/17/2004

NOTES:

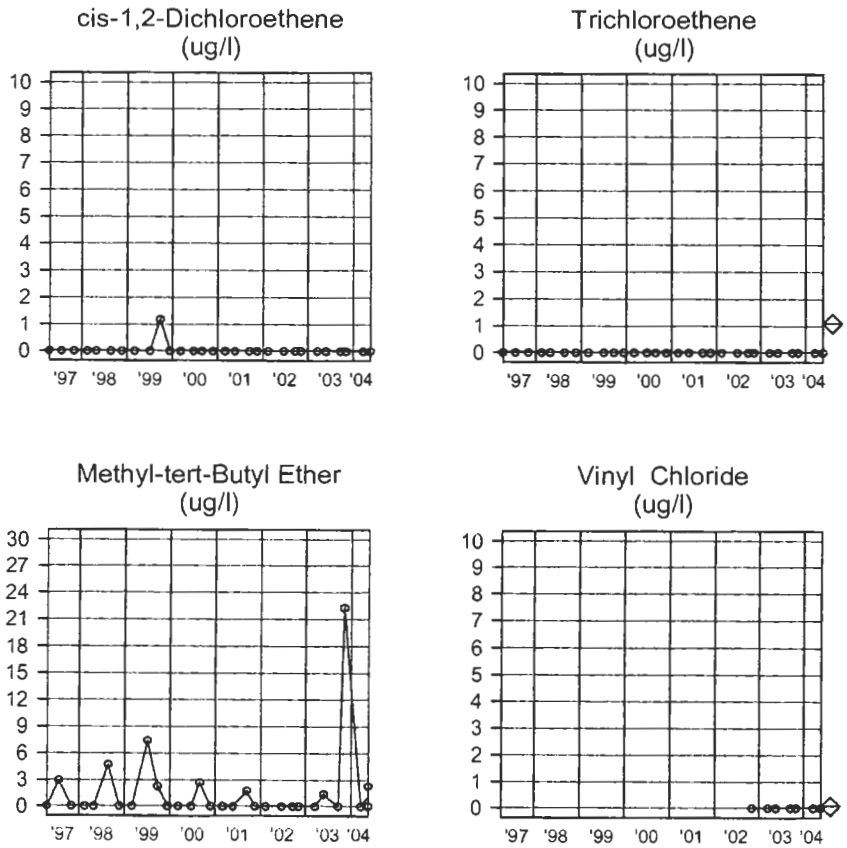
Page 1 of 1
Sream 21 is Salt-Water.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Source 16 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 21

Sampling Dates:
04/08/1997 - 05/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 16 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
04/08/1997	FMETL	ND	ND	ND	ND						
07/17/1997	FMETL	ND	ND	ND	4.26						
10/30/1997	FMETL	ND	ND	ND	ND						
02/10/1998	FMETL	ND	ND	ND	ND						
04/21/1998	FMETL	ND	ND	ND	ND						
08/19/1998	FMETL	ND	ND	ND	4.50						
11/17/1998	FMETL	ND	ND	ND	ND						
02/25/1999	FMETL	ND	ND	ND	ND						
06/29/1999	FMETL	ND	ND	ND	8.30						
09/21/1999	FMETL	ND	ND	ND	0.82						
12/09/1999	FMETL	ND	ND	ND	ND						
03/01/2000	FMETL	ND	ND	ND	ND						
06/12/2000	FMETL	ND	ND	ND	10.26						
06/12/2000D	FMETL	ND	ND	ND	10.66						
08/24/2000	FMETL	ND	ND	ND	ND						
11/20/2000	FMETL	ND	ND	ND	ND						-
02/21/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						V
09/11/2001	FMETL	ND	ND	ND	3.53						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	2.12						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/13/2003	FMETL	1.57	ND	ND	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND					V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2003	FMETL	ND	ND	ND	5.33	ND					V,P
03/17/2004	FMETL	1.37	ND	ND	ND	ND					V,P
05/17/2004	FMETL	ND	ND	ND	4.87	ND					V,P

SOURCE: 22

Sampling Dates:
04/08/1997 - 05/17/2004

NOTES:

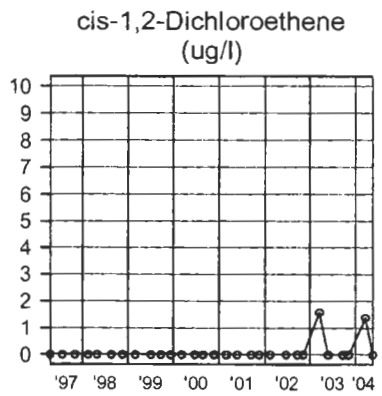
Page 1 of 1
Stream 22 is Salt-Water.
Acetone limit is NLE.
MTBE limit is NLE.

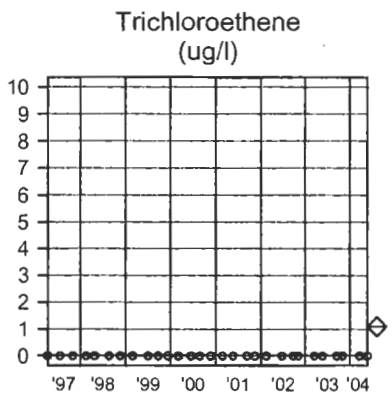
Fort Monmouth

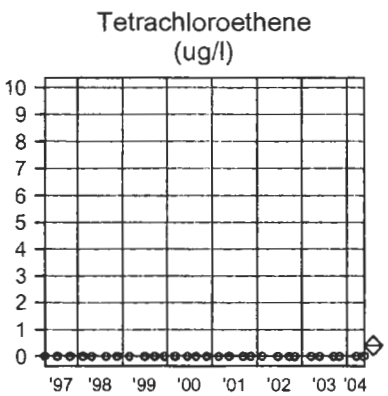
GW Monitoring
Streams

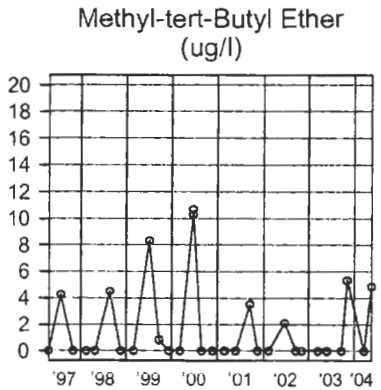
Source 17 of 23

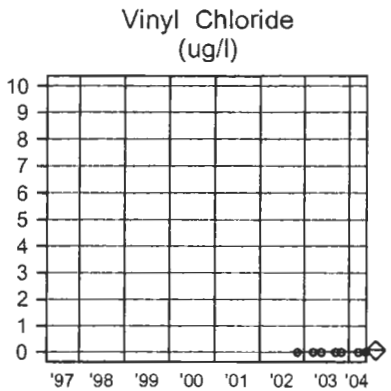
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 22

Sampling Dates:
04/08/1997 - 05/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 17 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

08-04-2004 X:\iMtechData\Streams\STREAMS.WSF

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
06/12/2000	FMETL	ND	ND	5.60	ND						
08/24/2000	FMETL	2.24	1.82	5.18	ND						
11/20/2000	FMETL	ND	ND	6.29	ND						-
03/08/2001	FMETL	ND	ND	4.78	ND						-
05/16/2001	FMETL	1.73	ND	6.41	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	3.23	ND	3.64	ND						-
02/11/2002	FMETL	ND	ND	2.85	ND						V
06/18/2002	FMETL	1.58	ND	2.88	ND						V,P
09/18/2002	FMETL	2.49	ND	ND	ND						V,P
11/05/2002	FMETL	ND	ND	1.44	ND	ND					V,P
03/24/2003	FMETL	1.41	1.05	4.01	ND	ND					V,P
05/21/2003	FMETL	2.03	ND	4.06	ND	ND					V,P
09/17/2003	FMETL	1.91	ND	1.77	ND	ND					V,P
11/04/2003	FMETL	1.29	ND	ND	680.5	ND					V,P
03/17/2004	FMETL	0.56	0.53	2.25	ND	ND					V,P
05/17/2004	FMETL	1.20	ND	1.32	ND	ND					V,P

SOURCE: 23

Sampling Dates:
06/12/2000 - 05/17/2004

NOTES:

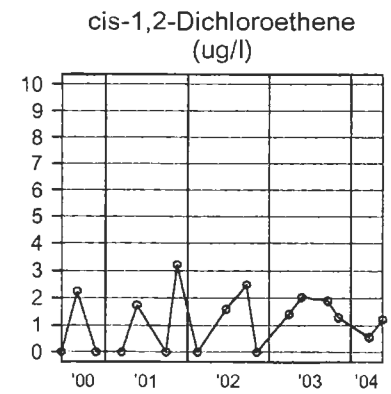
Page 1 of 1
Stream 23 is Fresh-Water

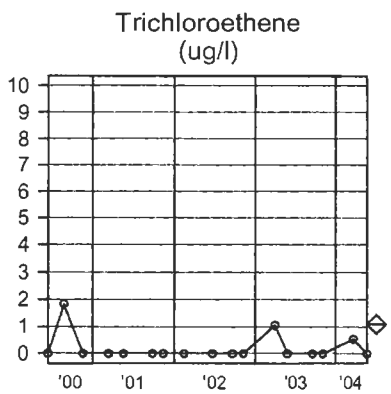
Fort Monmouth

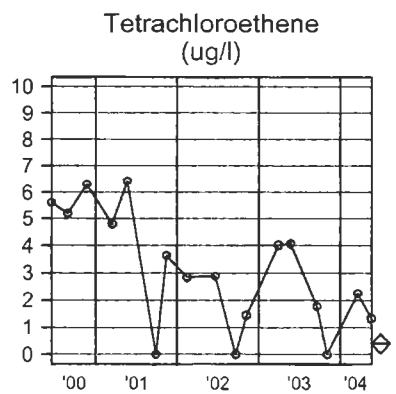
GW Monitoring
Streams

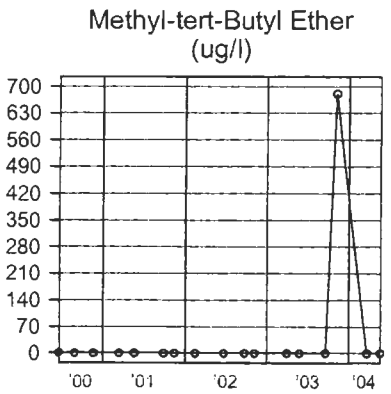
Source 18 of 23

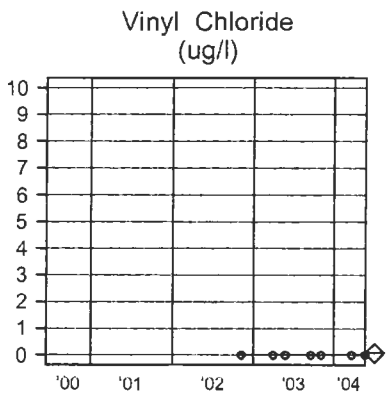
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 23

Sampling Dates:
06/12/2000 - 05/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 18 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
06/12/2000	FMETL	ND	ND	4.72	ND						
08/24/2000	FMETL	1.54	1.41	4.33	ND						
11/20/2000	FMETL	ND	ND	4.41	ND						-
03/08/2001	FMETL	ND	ND	4.76	ND						-
05/16/2001	FMETL	1.37	ND	5.12	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	3.11	ND	3.28	ND						-
02/11/2002	FMETL	ND	ND	2.69	ND						V
06/18/2002	FMETL	1.60	ND	2.74	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/05/2002	FMETL	ND	ND	1.64	ND	ND					V,P
03/13/2003	FMETL	0.99	0.83	3.50	ND	ND					V,P
05/21/2003	FMETL	1.98	ND	3.94	ND	ND					V,P
09/17/2003	FMETL	1.69	ND	1.61	ND	ND					V,P
11/04/2003	FMETL	1.16	ND	ND	504.75	ND					V,P
03/17/2004	FMETL	0.58	0.58	2.12	0.30	ND					V,P
05/17/2004	FMETL	1.25	ND	1.21	ND	ND					V,P

SOURCE: 24

Sampling Dates:
06/12/2000 - 05/17/2004

NOTES:

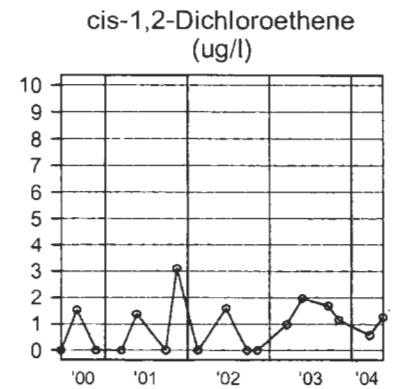
Page 1 of 2
Stream 24 is Fresh-Water

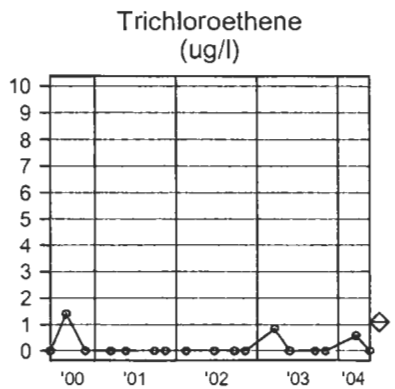
Fort Monmouth

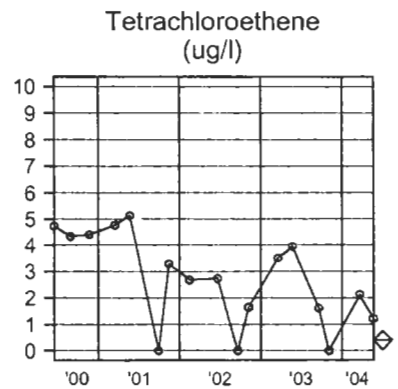
GW Monitoring
Streams

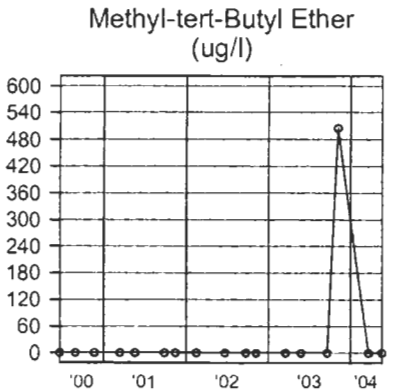
Source 19 of 23

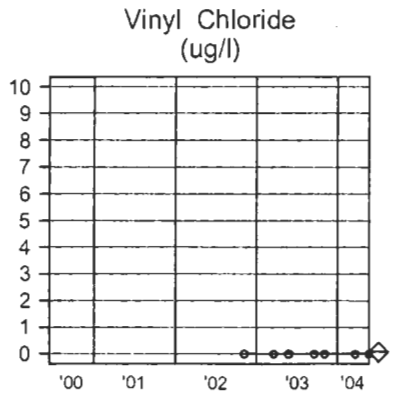
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 24

Sampling Dates:
06/12/2000 - 05/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 19 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	ND	ND	ND	ND						
11/20/2000	FMETL	ND	ND	ND	ND						-
03/08/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/24/2003	FMETL	ND	ND	2.22	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND					V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2003	FMETL	ND	ND	ND	3.79	ND					V,P
03/17/2004	FMETL	ND	ND	ND	ND	ND					V,P
05/17/2004	FMETL	ND	ND	ND	ND	ND					V,P

SOURCE: 25

Sampling Dates:
06/12/2000 - 05/17/2004

NOTES:

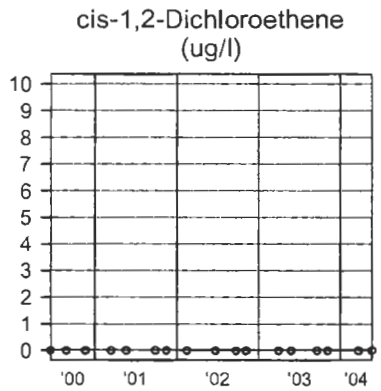
Page 1 of 1
Stream 25 is Salt-Water.

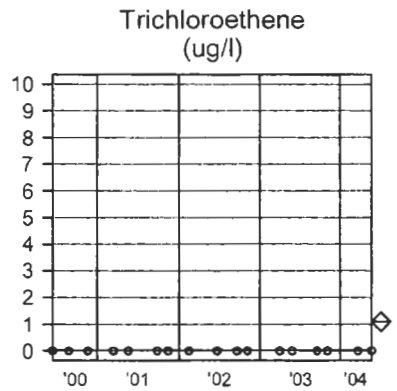
Fort Monmouth

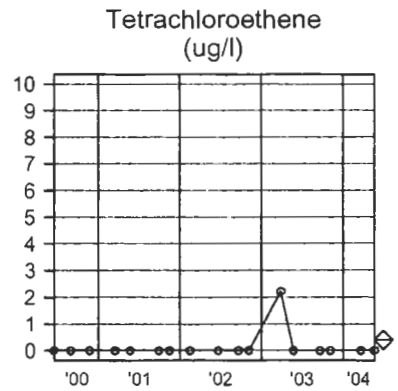
GW Monitoring
Streams

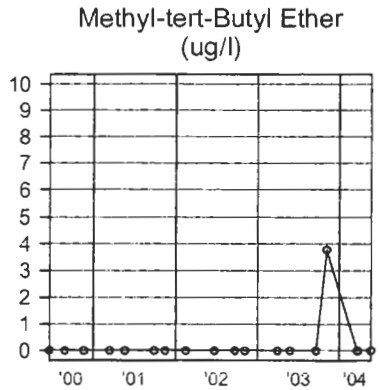
Source 20 of 23

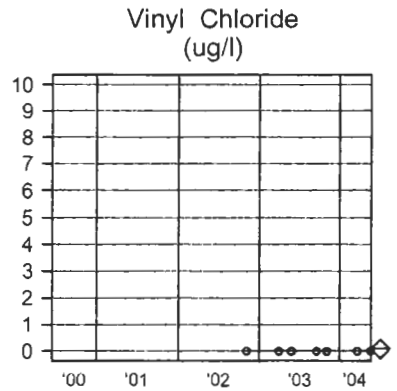
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 25

Sampling Dates:
06/12/2000 - 05/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 20 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	ND	ND	ND	ND						
11/20/2000	FMETL	ND	ND	ND	ND						-
03/08/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/24/2003	FMETL	ND	ND	ND	ND	ND					V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND					V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND					V,P
11/04/2003	FMETL	ND	ND	ND	3.68	ND					V,P
03/17/2004	FMETL	ND	ND	ND	ND	ND					V,P
05/17/2004	FMETL	ND	ND	ND	ND	ND					V,P

SOURCE: 26

Sampling Dates:
06/12/2000 - 05/17/2004

NOTES:

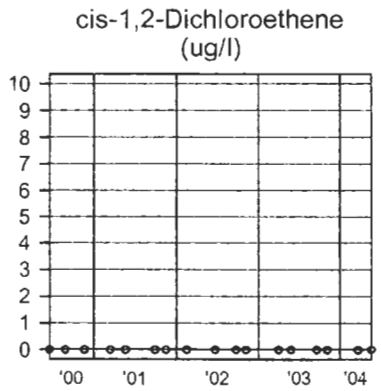
Page 1 of 1
Stream 26 is Fresh-Water

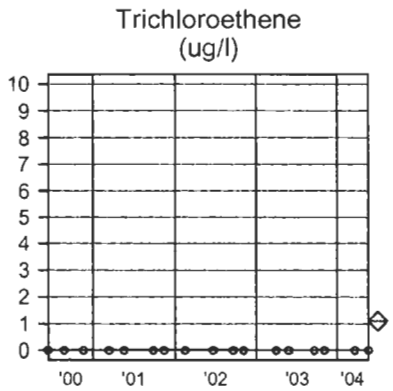
Fort Monmouth

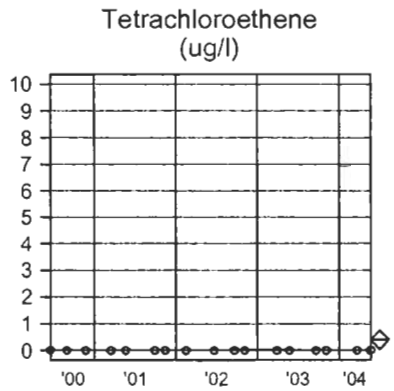
GW Monitoring
Streams

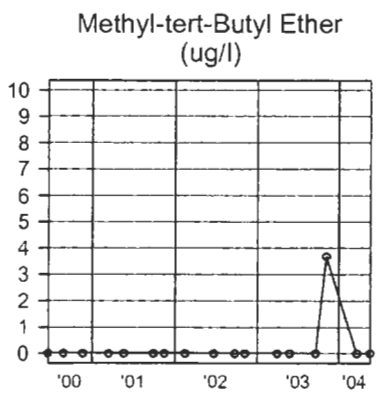
Source 21 of 23

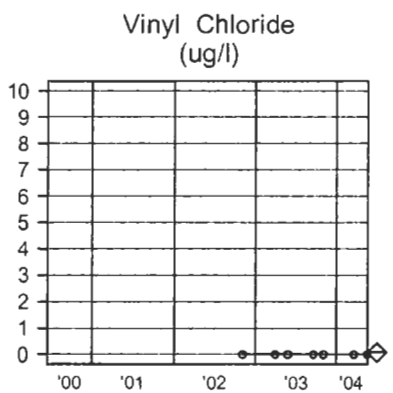
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 26

Sampling Dates:
06/12/2000 - 05/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 21 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	ND	ND	1.72	ND						
11/20/2000	FMETL	ND	ND	1.87	ND						-
03/08/2001	FMETL	ND	ND	ND	ND						-
05/16/2001	FMETL	ND	ND	ND	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	ND	ND						V
06/18/2002	FMETL	ND	ND	ND	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/13/2003	FMETL	ND	ND	1.71	ND	ND					V,P
05/21/2003	FMETL	1.38	2.68	ND	ND	ND					V,P
09/17/2003	FMETL	1.16	ND	1.16	ND	ND					V,P
11/04/2003	FMETL	0.88	ND	1.06	377.93	ND					V,P
03/17/2004	FMETL	ND	ND	0.85	ND	ND					V,P
05/17/2004	FMETL	ND	ND	ND	ND	ND					V,P

SOURCE: 27

Sampling Dates:
06/12/2000 - 05/17/2004

NOTES:

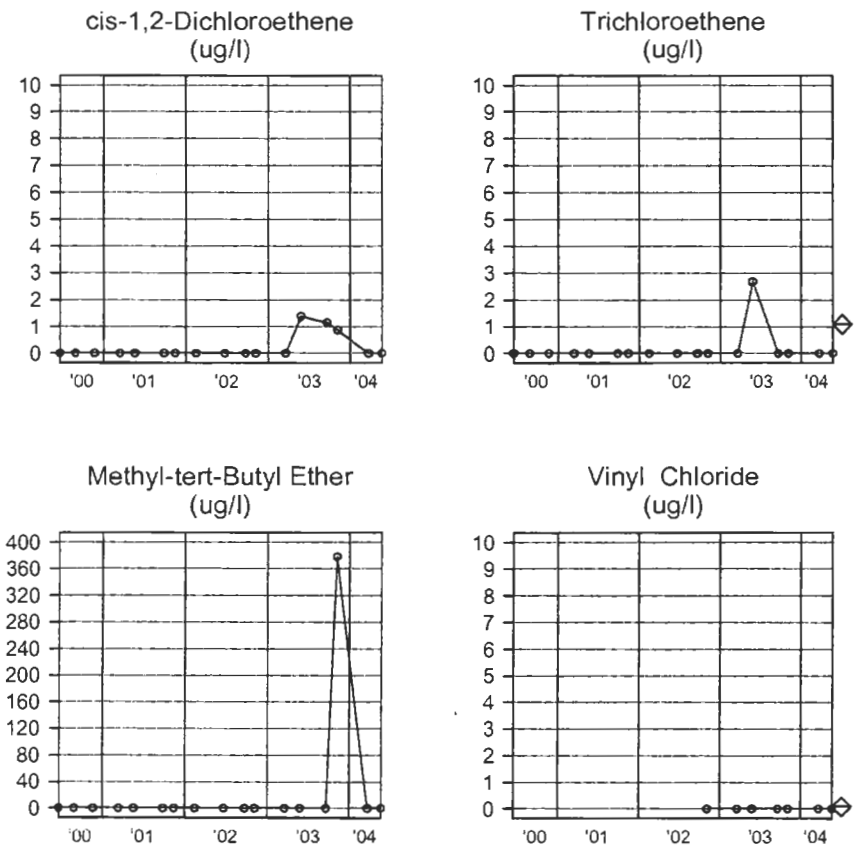
Page 1 of 1
Stream 27 is Salt Water.

Fort Monmouth

GW Monitoring
Streams

Source 22 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 27

Sampling Dates:
06/12/2000 - 05/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 22 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether	Vinyl Chloride					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l					-
NJDEP Criteria:	-	-	1.09	0.388	-	0.083					-
06/12/2000	FMETL	ND	ND	ND	ND						
08/24/2000	FMETL	1.28	1.07	3.67	ND						
11/20/2000	FMETL	ND	ND	3.60	ND						-
03/08/2001	FMETL	ND	ND	2.56	ND						-
05/16/2001	FMETL	ND	ND	2.77	ND						-
09/25/2001	FMETL	ND	ND	ND	ND						-
11/14/2001	FMETL	ND	ND	ND	ND						-
02/11/2002	FMETL	ND	ND	1.55	ND						V
06/18/2002	FMETL	ND	ND	1.99	ND						V,P
09/18/2002	FMETL	ND	ND	ND	ND						V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND					V,P
03/13/2003	FMETL	0.73	0.60	2.78	ND	ND					V,P
05/21/2003	FMETL	1.50	ND	2.58	ND	ND					V,P
09/17/2003	FMETL	1.14	ND	1.14	ND	ND					V,P
11/04/2003	FMETL	1.54	0.78	1.89	493.12	ND					V,P
03/17/2004	FMETL	ND	ND	0.82	ND	ND					V,P
05/17/2004	FMETL	ND	ND	ND	ND	ND					V,P

SOURCE: 28

Sampling Dates:
06/12/2000 - 05/17/2004

NOTES:

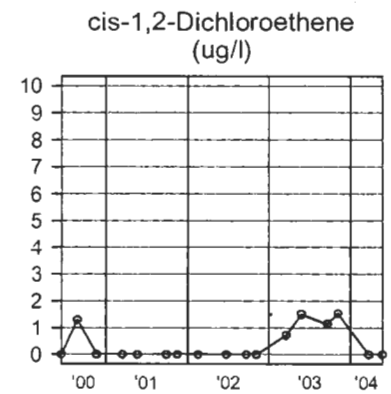
Page 1 of 1
Stream 28 is Salt-Water
cis-1,2-Dichloroethene limit is NLE
TCE limit is 81
PCE limit is 4.29

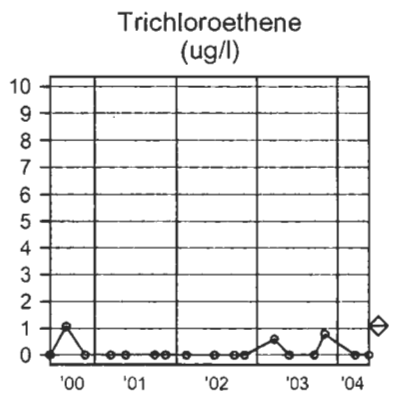
Fort Monmouth

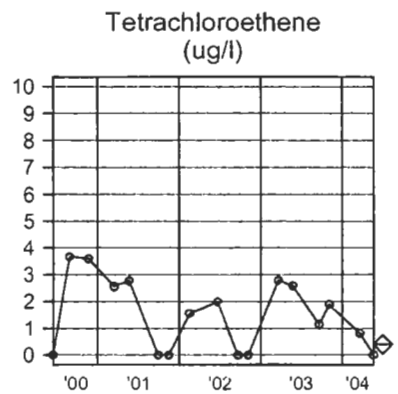
GW Monitoring
Streams

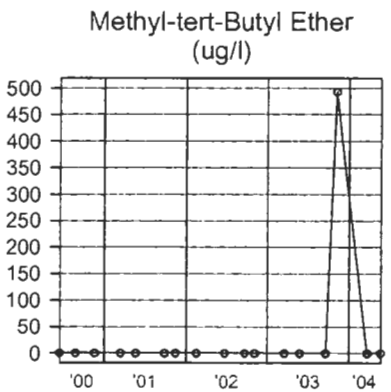
Source 23 of 23

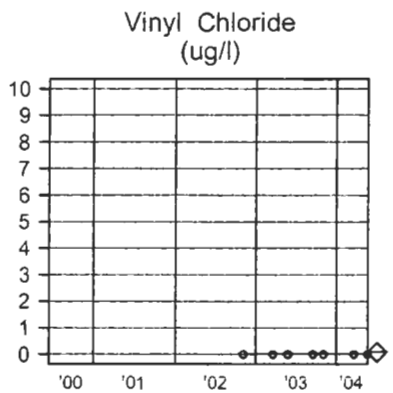
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 28

Sampling Dates:
06/12/2000 - 05/17/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

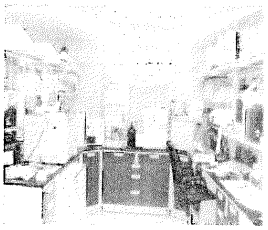
Fort Monmouth

GW Monitoring
Streams

Source 23 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY



DIRECTORATE OF PUBLIC WORKS

PHONE: (732) 532-6224 FAX: (732) 532-6263

WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: 3rd QTR/04 Streams

Streams

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Stream Site #22	4063204	Aqueous	26-Aug-02 08:25	08/26/04
Stream Site #21	4063205	Aqueous	26-Aug-02 08:35	08/26/04
Stream Site #20	4063206	Aqueous	26-Aug-02 0845	08/26/04
Stream Site #09	4063207	Aqueous	26-Aug-02 09:00	08/26/04
Stream Site #19	4063208	Aqueous	26-Aug-02 09:10	08/26/04
Stream Site #12	4063209	Aqueous	26-Aug-02 09:17	08/26/04
Stream Site #18	4063210	Aqueous	26-Aug-02 09:22	08/26/04
Stream Site #11	4063211	Aqueous	26-Aug-02 09:30	08/26/04
Stream Site #27	4063212	Aqueous	26-Aug-02 10:37	08/26/04
Stream Site #07	4063213	Aqueous	26-Aug-02 10:31	08/26/04
Stream Site #28	4063214	Aqueous	26-Aug-02 10:21	08/26/04
Stream Site #04	4063215	Aqueous	26-Aug-02 10:17	08/26/04
Stream Site #05	4063216	Aqueous	26-Aug-02 10:10	08/26/04
Stream Site #16	4063217	Aqueous	26-Aug-02 10:05	08/26/04
Stream Site #24	4063218	Aqueous	26-Aug-02 09:59	08/26/04
Stream Site #23	4063219	Aqueous	26-Aug-02 09:52	08/26/04
Stream Site #15	4063220	Aqueous	26-Aug-02 09:45	08/26/04
Stream Site #25	4063221	Aqueous	26-Aug-02 10:49	08/26/04
Stream Site #17	4063222	Aqueous	26-Aug-02 10:57	08/26/04
Stream Site #26	4063223	Aqueous	26-Aug-02 11:02	08/26/04
Stream Site #03	4063224	Aqueous	26-Aug-02 11:11	08/26/04
Stream Site #14	4063225	Aqueous	26-Aug-02 11:17	08/26/04
Stream Site #13	4063226	Aqueous	26-Aug-02 11:29	08/26/04

ANALYSIS:

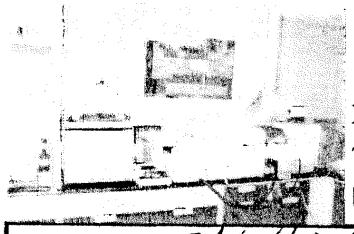
FORT MONMOUTH ENVIRONMENTAL LAB

VOA+15, PCB's, WET CHEMISTRY

9-27-04

Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: 726223
( )DERA ( )OMA ( )Other:_____
Project No:
Location: Streams
3rd Qrtr '04
Samplers Name / Company: Corey McCormack, TVS

Comments: HCL/HNO3/4°C/H2SO4

LIMS/Work Order #		Sample Location	Date	Time	Sample Type	# bottles	VOTLS	T. Coli	PCB	NH_3/NO_3	PO_4/SO_4	pH (su)	Temp (°C)	Dsolvd O_2	Remarks / Preservation Method	
406 32	01	Trip	8/26/04	0745	AQ	2	✓					—	—	—		
	02	Field Blank		0815		5	✓		✓	✓	✓	—	—	—	Salinity	
	03	Dupe		—		6	✓	✓	✓	✓	✓	—	—	—	%	D_{20}^{20}
	04	Stream Site #22 *		0825		6	✓	✓	✓	✓	✓	7.64	23.1	7.19	19	1.014
	05	#21		0835			✓	✓	✓	✓	✓	7.71	21.6	7.31	20	1.015
	06	#20		0845			✓	✓	✓	✓	✓	7.69	22.7	7.27	19	1.014
	07	#09		0900			✓	✓	✓	✓	✓	7.54	22.1	7.31	16	1.010
	08	#19		0910			✓	✓	✓	✓	✓	7.49	21.4	8.91	1	1.002
	09	#12		0917			✓	✓	✓	✓	✓	7.51	24.7	7.01	0	1.000
	10	#18		0922			✓	✓	✓	✓	✓	7.50	24.9	7.00	0	1.000
	11	#11		0930			✓	✓	✓	✓	✓	7.31	21.2	8.72	0	1.000
	12	#27		1037			✓	✓	✓	✓	✓	7.68	22.4	7.31	17	1.012
	13	#07		1031			✓	✓	✓	✓	✓	7.69	22.3	7.41	16	1.010
	14	#28		1021			✓	✓	✓	✓	✓	7.71	22.4	7.40	16	1.010

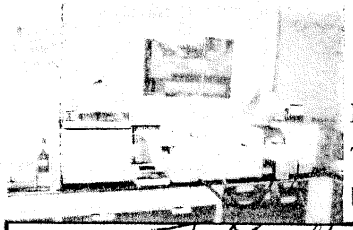
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	8/26/04	[illegible]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (_)Standard, (_)Screen / non-certified, (_)EDD
Turnaround time: (_)Standard 3 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks: Tide: H-70

print legibly

COC.XLS7/15/2004



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil

NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: 826223
( )DERA ( )OMA ( )Other:

Project No:
Location: Streams
3rd Qtr '04

Samplers Name / Company: Corey McCormach, TUS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	Vo tts	T. Coli	PCB	NH_3/NO_3	PO_4/SO_4	pH (su)	Temp (°C)	Dssld O_2	Remarks / Preservation Method	
40632 15	stream site #04	8/26/04	1017	AQ	6	✓	✓	✓	✓	✓	7.70	22.1	7.52	15	1.009
16	#05		1010			✓	✓	✓	✓	✓	7.61	23.1	7.60	13	1.008
17	#16		1005			✓	✓	✓	✓	✓	7.59	22.8	7.60	11	1.005
18	#24		0959			✓	✓	✓	✓	✓	7.51	22.7	7.51	9	1.005
19	#23		0952			✓	✓	✓	✓	✓	7.48	21.7	7.49	8	1.004
20	#15		0945			✓	✓	✓	✓	✓	7.53	21.0	7.37	7	1.003
21	#25		1049			✓	✓	✓	✓	✓	7.57	22.7	7.31	12	1.007
22	#17		1057			✓	✓	✓	✓	✓	7.50	22.1	7.41	11	1.006
23	#26		1102			✓	✓	✓	✓	✓	7.44	22.0	7.40	9	1.005
24	#03		1111			✓	✓	✓	✓	✓	7.32	21.7	7.91	6	1.003
25	#14		1117			✓	✓	✓	✓	✓	7.30	20.9	8.81	0	1.002
26	#13		1129			✓	✓	✓	✓	✓	7.60	21.1	8.76	0	1.00

Comments: HCl/HNO_3/CrO_4/H_2SO_4

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormach	8/26/04	[illegible]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, ( )Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: ( )Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: Tide: H-70

print legibly

COC.XLS7/15/2004

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	VC011591.D	Sample Name	MB 03Sept04
Operator	Skelton	Field ID	MB 03Sept04
Date Aquired	3-Sep-04	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	**VC011591.D**	Sample Name	**MB 03Sept04**
Operator	**Skelton**	Field ID	**MB 03Sept04**
Date Aquired	**3-Sep-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

MB 03Sept04

Lab Name: FMETL NJDEP # 13461

Project: Case No.: 40632 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: MB 03Sept04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011591.D

Level: (low/med) LOW Date Received: 8/26/2004

% Moisture: not dec. Date Analyzed: 9/3/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011592.D**	Sample Name	**4063201**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**3-Sep-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform	15.58	51062	0.34 ug/L	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	**VC011592.D**	Sample Name	**4063201**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**3-Sep-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform	15.58	51062	0.34 ug/L	5.67	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: Case No.: 40632 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 4063201

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011592.D

Level: (low/med) LOW Date Received: 8/26/2004

% Moisture: not dec. Date Analyzed: 9/3/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011593.D**	Sample Name	**4063202**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**3-Sep-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform	15.59	53368	0.34 ug/L	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	**VC011593.D**	Sample Name	**4063202**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**3-Sep-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform	15.59	53368	0.34 ug/L	5.67	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Field Blank

Lab Name: FMETL NJDEP # 13461

Project: Case No.: 40632 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 4063202

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011593.D

Level: (low/med) LOW Date Received: 8/26/2004

% Moisture: not dec. Date Analyzed: 9/3/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011594.D**	Sample Name	**4063203**
Operator	**Skelton**	Field ID	**Dupe**
Date Aquired	**3-Sep-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	11.75	367520	2.34 ug/L	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.63	45146	1.35 ug/L	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	**VC011594.D**	Sample Name	**4063203**
Operator	**Skelton**	Field ID	**Dupe**
Date Aquired	**3-Sep-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	11.75	367520	2.34 ug/L	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.63	45146	1.35 ug/L	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Dupe

Lab Name: FMETL NJDEP # 13461

Project: Case No.: 40632 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 4063203

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011594.D

Level: (low/med) LOW Date Received: 8/26/2004

% Moisture: not dec. Date Analyzed: 9/3/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011595.D**	Sample Name	**4063204**
Operator	**Skelton**	Field ID	**StreamSite#22**
Date Aquired	**3-Sep-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	11.76	366914	2.37 ug/L	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.63	82231	2.49 ug/L	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

StreamSite#22

Lab Name: FMETL NJDEP # 13461

Project: Case No.: 40632 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 4063204

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011595.D

Level: (low/med) LOW Date Received: 8/26/2004

% Moisture: not dec. Date Analyzed: 9/3/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011596.D**	Sample Name	**4063205**
Operator	**Skelton**	Field ID	**StreamSite#21**
Date Aquired	**3-Sep-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	11.75	263536	1.73 ug/L	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.65	61406	1.90 ug/L	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

StreamSite#21

Lab Name: FMETL NJDEP # 13461

Project: _____ Case No.: 40632 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 4063205

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011596.D

Level: (low/med) LOW Date Received: 8/26/2004

% Moisture: not dec. _____ Date Analyzed: 9/3/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011597.D**	Sample Name	**4063206**
Operator	**Skelton**	Field ID	**StreamSite#20**
Date Aquired	**3-Sep-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether	11.76	274922	1.76 ug/L	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.65	66230	2.00 ug/L	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

StreamSite#20

Lab Name: FMETL NJDEP # 13461

Project: Case No.: 40632 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 4063206

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011597.D

Level: (low/med) LOW Date Received: 8/26/2004

% Moisture: not dec. Date Analyzed: 9/3/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011598.D**	Sample Name	**4063207**
Operator	**Skelton**	Field ID	**StreamSite#09**
Date Aquired	**3-Sep-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.65	47574	1.45 ug/L	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.71	50698	0.60 ug/L	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

StreamSite#09

Lab Name: FMETL NJDEP # 13461

Project: Case No.: 40632 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 4063207

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011598.D

Level: (low/med) LOW Date Received: 8/26/2004

% Moisture: not dec. Date Analyzed: 9/3/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011599.D**	Sample Name	**4063208**
Operator	**Skelton**	Field ID	**StreamSite#19**
Date Aquired	**3-Sep-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.64	53880	1.64 ug/L	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.70	112171	1.33 ug/L	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

StreamSite#19

Lab Name: FMETL NJDEP # 13461

Project: Case No.: 40632 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 4063208

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011599.D

Level: (low/med) LOW Date Received: 8/26/2004

% Moisture: not dec. Date Analyzed: 9/3/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011600.D**	Sample Name	**4063209**
Operator	**Skelton**	Field ID	**StreamSite#12**
Date Aquired	**3-Sep-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.63	88918	2.70 ug/L	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.70	135311	1.60 ug/L	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

StreamSite#12

Lab Name: FMETL NJDEP # 13461

Project: Case No.: 40632 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 4063209

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011600.D

Level: (low/med) LOW Date Received: 8/26/2004

% Moisture: not dec. Date Analyzed: 9/3/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	**VC011601.D**	Sample Name	**4063210**
Operator	**Skelton**	Field ID	**StreamSite#18**
Date Aquired	**4-Sep-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.63	91082	2.75 ug/L	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.70	124349	1.46 ug/L	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

StreamSite#18

Lab Name: FMETL NJDEP # 13461

Project: Case No.: 40632 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 4063210

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011601.D

Level: (low/med) LOW Date Received: 8/26/2004

% Moisture: not dec. Date Analyzed: 9/4/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	**VC011602.D**	Sample Name	**4063211**
Operator	**Skelton**	Field ID	**StreamSite#11**
Date Aquired	**4-Sep-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride	5.13	62606	1.01 ug/L	0.083	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.64	28492	0.84 ug/L	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.70	376368	4.29 ug/L	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

StreamSite#11

Lab Name: FMETL NJDEP # 13461

Project: Case No.: 40632 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 4063211

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011602.D

Level: (low/med) LOW Date Received: 8/26/2004

% Moisture: not dec. Date Analyzed: 9/4/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011603.D**	Sample Name	**4063212**
Operator	**Skelton**	Field ID	**StreamSite#27**
Date Aquired	**4-Sep-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.65	37990	1.17 ug/L	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.71	62749	0.75 ug/L	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	22.89	36628	0.56 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

StreamSite#27

Lab Name: FMETL NJDEP # 13461

Project: Case No.: 40632 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 4063212

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011603.D

Level: (low/med) LOW Date Received: 8/26/2004

% Moisture: not dec. Date Analyzed: 9/4/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011604.D**	Sample Name	**4063213**
Operator	**Skelton**	Field ID	**StreamSite#07**
Date Aquired	**4-Sep-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.63	71311	1.88 ug/L	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.68	54772	0.56 ug/L	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

StreamSite#07

Lab Name: FMETL NJDEP # 13461

Project: Case No.: 40632 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 4063213

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011604.D

Level: (low/med) LOW Date Received: 8/26/2004

% Moisture: not dec. Date Analyzed: 9/4/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011605.D**	Sample Name	**4063214**
Operator	**Skelton**	Field ID	**StreamSite#28**
Date Aquired	**4-Sep-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.65	74450	2.27 ug/L	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.71	74269	0.88 ug/L	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	22.88	36915	0.52 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

StreamSite#28

Lab Name: FMETL NJDEP # 13461

Project: Case No.: 40632 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 4063214

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011605.D

Level: (low/med) LOW Date Received: 8/26/2004

% Moisture: not dec. Date Analyzed: 9/4/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011606.D**	Sample Name	**4063215**
Operator	**Skelton**	Field ID	**StreamSite#04**
Date Aquired	**4-Sep-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.64	47039	1.48 ug/L	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.70	78838	0.97 ug/L	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	22.89	41310	0.61 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

StreamSite#04

Lab Name: FMETL NJDEP # 13461

Project: Case No.: 40632 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 4063215

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011606.D

Level: (low/med) LOW Date Received: 8/26/2004

% Moisture: not dec. Date Analyzed: 9/4/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011607.D**	Sample Name	**4063216**
Operator	**Skelton**	Field ID	**StreamSite#05**
Date Aquired	**4-Sep-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.63	47626	1.51 ug/L	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.71	131012	1.61 ug/L	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	18.50	43061	0.73 ug/L	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	22.89	73631	1.09 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

StreamSite#05

Lab Name: FMETL NJDEP # 13461

Project: Case No.: 40632 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 4063216

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011607.D

Level: (low/med) LOW Date Received: 8/26/2004

% Moisture: not dec. Date Analyzed: 9/4/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011608.D**	Sample Name	**4063217**
Operator	**Skelton**	Field ID	**StreamSite#16**
Date Aquired	**4-Sep-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.71	132579	1.63 ug/L	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	18.50	42851	0.74 ug/L	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	22.88	78119	1.17 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

StreamSite#16

Lab Name: FMETL NJDEP # 13461

Project: Case No.: 40632 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 4063217

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011608.D

Level: (low/med) LOW Date Received: 8/26/2004

% Moisture: not dec. Date Analyzed: 9/4/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011609.D**	Sample Name	**4063218**
Operator	**Skelton**	Field ID	**StreamSite#24**
Date Aquired	**4-Sep-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.65	64467	2.08 ug/L	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.70	143427	1.79 ug/L	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	18.51	43574	0.75 ug/L	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	22.89	79841	1.22 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

StreamSite#24

Lab Name: FMETL NJDEP # 13461

Project: Case No.: 40632 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 4063218

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011609.D

Level: (low/med) LOW Date Received: 8/26/2004

% Moisture: not dec. Date Analyzed: 9/4/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011610.D**	Sample Name	**4063219**
Operator	**Skelton**	Field ID	**StreamSite#23**
Date Aquired	**4-Sep-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.64	68146	2.04 ug/L	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.70	152552	1.77 ug/L	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	18.50	47457	0.76 ug/L	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	22.89	86757	1.24 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

StreamSite#23

Lab Name: FMETL NJDEP # 13461

Project: Case No.: 40632 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 4063219

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011610.D

Level: (low/med) LOW Date Received: 8/26/2004

% Moisture: not dec. Date Analyzed: 9/4/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	**VC011611.D**	Sample Name	**4063220**
Operator	**Skelton**	Field ID	**StreamSite#15**
Date Aquired	**4-Sep-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.64	66533	2.15 ug/L	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.70	142120	1.78 ug/L	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	18.51	45307	0.78 ug/L	1.09	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	22.89	82987	1.25 ug/L	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

StreamSite#15

Lab Name: FMETL NJDEP # 13461

Project: _____ Case No.: 40632 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 4063220

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011611.D

Level: (low/med) LOW Date Received: 8/26/2004

% Moisture: not dec. _____ Date Analyzed: 9/4/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011612.D**	Sample Name	**4063221**
Operator	**Skelton**	Field ID	**StreamSite#25**
Date Aquired	**4-Sep-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.67	36212	1.15 ug/L	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.70	129981	1.60 ug/L	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	18.50	40745	0.70 ug/L	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	22.88	78107	1.18 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

StreamSite#25

Lab Name: FMETL NJDEP # 13461

Project: Case No.: 40632 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 4063221

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011612.D

Level: (low/med) LOW Date Received: 8/26/2004

% Moisture: not dec. Date Analyzed: 9/4/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011613.D**	Sample Name	**4063222**
Operator	**Skelton**	Field ID	**StreamSite#17**
Date Aquired	**4-Sep-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.66	36932	1.16 ug/L	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.70	128759	1.57 ug/L	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	18.52	42956	0.74 ug/L	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	22.89	79087	1.19 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

StreamSite#17

Lab Name: FMETL NJDEP # 13461

Project: Case No.: 40632 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 4063222

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011613.D

Level: (low/med) LOW Date Received: 8/26/2004

% Moisture: not dec. Date Analyzed: 9/4/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
SaltWater Results

Data File	**VC011614.D**	Sample Name	**4063223**
Operator	**Skelton**	Field ID	**StreamSite#26**
Date Aquired	**4-Sep-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	780	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.665	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	525	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	4000	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.63	36718	1.17 ug/L	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene	14.71	129706	1.61 ug/L	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	470	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	71	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene	18.50	40114	0.70 ug/L	81	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	200000	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene	22.89	79680	1.20 ug/L	4.29	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	360	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.L. = Recovery Limits
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

StreamSite#26

Lab Name: FMETL NJDEP # 13461

Project: Case No.: 40632 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 4063223

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011614.D

Level: (low/med) LOW Date Received: 8/26/2004

% Moisture: not dec. Date Analyzed: 9/4/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	**VC011615.D**	Sample Name	**4063224**
Operator	**Skelton**	Field ID	**StreamSite#03**
Date Aquired	**4-Sep-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

StreamSite#03

Lab Name: FMETL NJDEP # 13461

Project: Case No.: 40632 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 4063224

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011615.D

Level: (low/med) LOW Date Received: 8/26/2004

% Moisture: not dec. Date Analyzed: 9/4/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	VC011616.D	Sample Name	4063225
Operator	Skelton	Field ID	StreamSite#14
Date Aquired	4-Sep-04	Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone			not detected	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

StreamSite#14

Lab Name: FMETL NJDEP # 13461

Project: Case No.: 40632 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 4063225

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011616.D

Level: (low/med) LOW Date Received: 8/26/2004

% Moisture: not dec. Date Analyzed: 9/4/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461
Freshwater Results

Data File	**VC011617.D**	Sample Name	**4063226**
Operator	**Skelton**	Field ID	**StreamSite#13**
Date Aquired	**4-Sep-04**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	RL	Qualifier
107028	Acrolein			not detected	320	3.27 ug/L	20.00 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.82 ug/L	20.00 ug/L	
75650	tert-Butyl alcohol			not detected	nle	2.78 ug/L	20.00 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.29 ug/L	2.00 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.32 ug/L	2.00 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	0.32 ug/L	2.00 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.39 ug/L	2.00 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	0.40 ug/L	2.00 ug/L	
74-83-9	Bromomethane			not detected	48.4	0.40 ug/L	2.00 ug/L	
75-00-3	Chloroethane			not detected	nle	0.34 ug/L	2.00 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.31 ug/L	2.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.33 ug/L	2.00 ug/L	
67-64-1	Acetone	9.64	101107	3.24 ug/L	nle	0.40 ug/L	2.00 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.30 ug/L	2.00 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.35 ug/L	2.00 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.34 ug/L	2.00 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.35 ug/L	2.00 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.86 ug/L	2.00 ug/L	
78-93-3	2-Butanone			not detected	nle	0.28 ug/L	2.00 ug/L	
156-59-2	cis-1,2-Dichloroethene			not detected	nle	0.29 ug/L	2.00 ug/L	
67-66-3	Chloroform			not detected	5.67	0.32 ug/L	2.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.29 ug/L	2.00 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.27 ug/L	2.00 ug/L	
71-43-2	Benzene			not detected	0.15	0.30 ug/L	2.00 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.29 ug/L	2.00 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.28 ug/L	2.00 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.27 ug/L	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.25 ug/L	2.00 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.19 ug/L	2.00 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.19 ug/L	2.00 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.27 ug/L	2.00 ug/L	
108-88-3	Toluene			not detected	7440	0.34 ug/L	2.00 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.26 ug/L	2.00 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.29 ug/L	2.00 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	2.00 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.21 ug/L	2.00 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.23 ug/L	2.00 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.32 ug/L	2.00 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.30 ug/L	2.00 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	0.63 ug/L	4.00 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.29 ug/L	2.00 ug/L	
100-42-5	Styrene			not detected	nle	0.22 ug/L	2.00 ug/L	
75-25-2	Bromoform			not detected	4.38	0.21 ug/L	2.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.26 ug/L	2.00 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.33 ug/L	2.00 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.33 ug/L	2.00 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.31 ug/L	2.00 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time
R.L. = Recovery Limit

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

StreamSite#13

Lab Name: FMETL NJDEP # 13461

Project: Case No.: 40632 Location: Stream SDG No.: 3rdQtr

Matrix: (soil/water) WATER Lab Sample ID: 4063226

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC011617.D

Level: (low/med) LOW Date Received: 8/26/2004

% Moisture: not dec. Date Analyzed: 9/4/2004

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

TABULATED ANALYTICAL REPORT
POLYCHLORINATED BIPHENYLS
EPA METHOD 8082

mb 083004-01

MATRIX: Aqueous
Date Extracted: 9/1/2004
Ext. Batch: 090104
Filename: PCB02902.D
Date Analyzed: 8/30/2004

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	MDL (ug/L)
12674-11-2	Aroclor 1016	ND	0.0683
11104-28-2	Aroclor 1221	ND	0.0666
12672-29-6	Aroclor 1248	ND	0.0648
53469-21-9	Aroclor 1242	ND	0.0485
11141-16-5	Aroclor 1232	ND	0.0544
11097-69-1	Aroclor 1254	ND	0.0608
11096-82-5	Aroclor 1260	ND	0.0732

MDL - Method Detection Limit
ND = Not detected at or above MDL

Initial Vol..(ml)) 1000
Final Vol.(ml) 10

COMMENTS:

TABULATED ANALYTICAL REPORT
POLYCHLORINATED BIPHENYLS
EPA METHOD 8082

mb 090104-02

MATRIX: Aqueous
Date Extracted: 9/1/2004
Ext. Batch: 090104
Date Analyzed: 9/1/2004

Filename: PCB02930.D

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	MDL (ug/L)
12674-11-2	Aroclor 1016	ND	0.0683
11104-28-2	Aroclor 1221	ND	0.0666
12672-29-6	Aroclor 1248	ND	0.0648
53469-21-9	Aroclor 1242	ND	0.0485
11141-16-5	Aroclor 1232	ND	0.0544
11097-69-1	Aroclor 1254	ND	0.0608
11096-82-5	Aroclor 1260	ND	0.0732

MDL - Method Detection Limit
ND = Not detected at or above MDL

Initial Vol..(ml)) 1000
Final Vol.(ml) 10

COMMENTS:

TABULATED ANALYTICAL REPORT
POLYCHLORINATED BIPHENYLS
EPA METHOD 8082

mb 090904-03

MATRIX: Aqueous
Date Extracted: 9/9/2004
Ext. Batch: 090904
Filename: PCB02973.D
Date Analyzed: 9/9/2004

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	MDL (ug/L)
12674-11-2	Aroclor 1016	ND	0.0683
11104-28-2	Aroclor 1221	ND	0.0666
12672-29-6	Aroclor 1248	ND	0.0648
53469-21-9	Aroclor 1242	ND	0.0485
11141-16-5	Aroclor 1232	ND	0.0544
11097-69-1	Aroclor 1254	ND	0.0608
11096-82-5	Aroclor 1260	ND	0.0732

MDL - Method Detection Limit
ND = Not detected at or above MDL

Initial Vol..(ml)) 1000
Final Vol.(ml) 10

COMMENTS:

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client: U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.
Location: Streams, 3rd Qrtr. '04
Client ID: Fieldblank
Lab ID: 4063202
Filename: PCB02904.D
Lab Project No: 40632

MATRIX: Aqueous
Date Extracted: 8/30/2004
Ext. Batch: 083004
Date Analyzed: 8/30/2004
DILUTION: 1

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.50	NA		0.0683
11104-28-2	AROCLOR 1221	ND	0.50	NA		0.0666
11141-16-5	AROCLOR 1232	ND	0.50	NA		0.0648
53469-21-9	AROCLOR 1242	ND	0.50	NA		0.0485
12672-29-6	AROCLOR 1248	ND	0.50	NA		0.0544
11097-69-1	AROCLOR 1254	ND	0.50	NA		0.0608
11096-82-5	AROCLOR 1260	ND	0.50	NA		0.0732

%SOLIDS 100%
Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client: U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.
Location: Streams, 3rd Qrtr. '04
Client ID: Dupe
Lab ID: 4063203
Filename: PCB02905.D
Lab Project No: 40632

MATRIX: Aqueous
Date Extracted: 8/30/2004
Ext. Batch: 083004
Date Analyzed: 8/30/2004
DILUTION: 1

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.50	NA		0.0683
11104-28-2	AROCLOR 1221	ND	0.50	NA		0.0666
11141-16-5	AROCLOR 1232	ND	0.50	NA		0.0648
53469-21-9	AROCLOR 1242	ND	0.50	NA		0.0485
12672-29-6	AROCLOR 1248	ND	0.50	NA		0.0544
11097-69-1	AROCLOR 1254	ND	0.50	NA		0.0608
11096-82-5	AROCLOR 1260	ND	0.50	NA		0.0732

%SOLIDS 100%
Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams, 3rd Qrtr. '04**	**Date Extracted:**	**8/30/2004**
Client ID:	**Stream Site # 22**	**Ext. Batch:**	**083004**
Lab ID:	**4063204**	**Date Analyzed:**	**8/30/2004**
Filename:	**PCB02906.D**	**DILUTION:**	**1**
Lab Project No:	**40632**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.50	NA		0.0683
11104-28-2	**AROCLOR 1221**	**ND**	0.50	NA		0.0666
11141-16-5	**AROCLOR 1232**	**ND**	0.50	NA		0.0648
53469-21-9	**AROCLOR 1242**	**ND**	0.50	NA		0.0485
12672-29-6	**AROCLOR 1248**	**ND**	0.50	NA		0.0544
11097-69-1	**AROCLOR 1254**	**ND**	0.50	NA		0.0608
11096-82-5	**AROCLOR 1260**	**ND**	0.50	NA		0.0732

%SOLIDS	**100%**
Initial Vol..(ml))	**1000.00**
Final Vol.(ml)	**10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams, 3rd Qrtr. '04**	**Date Extracted:**	**8/30/2004**
Client ID:	**Stream Site # 21**	**Ext. Batch:**	**083004**
Lab ID:	**4063205**	**Date Analyzed:**	**8/30/2004**
Filename:	**PCB02907.D**	**DILUTION:**	**1**
Lab Project No:	**40632**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.50	NA		0.0683
11104-28-2	**AROCLOR 1221**	**ND**	0.50	NA		0.0666
11141-16-5	**AROCLOR 1232**	**ND**	0.50	NA		0.0648
53469-21-9	**AROCLOR 1242**	**ND**	0.50	NA		0.0485
12672-29-6	**AROCLOR 1248**	**ND**	0.50	NA		0.0544
11097-69-1	**AROCLOR 1254**	**ND**	0.50	NA		0.0608
11096-82-5	**AROCLOR 1260**	**ND**	0.50	NA		0.0732

%SOLIDS	**100%**
Initial Vol..(ml))	**1000.00**
Final Vol.(ml)	**10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client: U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.
Location: Streams, 3rd Qrtr. '04
Client ID: Stream Site # 20
Lab ID: 4063206
Filename: PCB02908.D
Lab Project No: 40632

MATRIX: Aqueous
Date Extracted: 8/30/2004
Ext. Batch: 083004
Date Analyzed: 8/30/2004
DILUTION: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.50	NA		0.0683
11104-28-2	AROCLOR 1221	ND	0.50	NA		0.0666
11141-16-5	AROCLOR 1232	ND	0.50	NA		0.0648
53469-21-9	AROCLOR 1242	ND	0.50	NA		0.0485
12672-29-6	AROCLOR 1248	ND	0.50	NA		0.0544
11097-69-1	AROCLOR 1254	ND	0.50	NA		0.0608
11096-82-5	AROCLOR 1260	ND	0.50	NA		0.0732

%SOLIDS 100%
Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client: U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.
Location: Streams, 3rd Qrtr. '04
Client ID: Stream Site # 09
Lab ID: 4063207
Filename: PCB02909.D
Lab Project No: 40632

MATRIX: Aqueous
Date Extracted: 8/30/2004
Ext. Batch: 083004
Date Analyzed: 8/30/2004
DILUTION: 1
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.50	NA		0.0683
11104-28-2	AROCLOR 1221	ND	0.50	NA		0.0666
11141-16-5	AROCLOR 1232	ND	0.50	NA		0.0648
53469-21-9	AROCLOR 1242	ND	0.50	NA		0.0485
12672-29-6	AROCLOR 1248	ND	0.50	NA		0.0544
11097-69-1	AROCLOR 1254	ND	0.50	NA		0.0608
11096-82-5	AROCLOR 1260	ND	0.50	NA		0.0732

%SOLIDS 100%
Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client: U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.
Location: Streams, 3rd Qrtr. '04
Client ID: Stream Site # 19
Lab ID: 4063208
Filename: PCB02910.D
Lab Project No: 40632

MATRIX: Aqueous
Date Extracted: 8/30/2004
Ext. Batch: 083004
Date Analyzed: 8/30/2004
DILUTION: 1

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.50	NA		0.0683
11104-28-2	AROCLOR 1221	ND	0.50	NA		0.0666
11141-16-5	AROCLOR 1232	ND	0.50	NA		0.0648
53469-21-9	AROCLOR 1242	ND	0.50	NA		0.0485
12672-29-6	AROCLOR 1248	ND	0.50	NA		0.0544
11097-69-1	AROCLOR 1254	ND	0.50	NA		0.0608
11096-82-5	AROCLOR 1260	ND	0.50	NA		0.0732

%SOLIDS 100%
Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client: U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.
Location: Streams, 3rd Qrtr. '04
Client ID: Stream Site # 12
Lab ID: 4063209
Filename: PCB02911.D
Lab Project No: 40632

MATRIX: Aqueous
Date Extracted: 8/30/2004
Ext. Batch: 083004
Date Analyzed: 8/30/2004
DILUTION: 1

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.50	NA		0.0683
11104-28-2	AROCLOR 1221	ND	0.50	NA		0.0666
11141-16-5	AROCLOR 1232	ND	0.50	NA		0.0648
53469-21-9	AROCLOR 1242	ND	0.50	NA		0.0485
12672-29-6	AROCLOR 1248	ND	0.50	NA		0.0544
11097-69-1	AROCLOR 1254	ND	0.50	NA		0.0608
11096-82-5	AROCLOR 1260	ND	0.50	NA		0.0732

%SOLIDS 100%
Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams, 3rd Qrtr. '04**	**Date Extracted:**	**8/30/2004**
Client ID:	**Stream Site # 18**	**Ext. Batch:**	**083004**
Lab ID:	**4063210**	**Date Analyzed:**	**8/30/2004**
Filename:	**PCB02912.D**	**DILUTION:**	**1**
Lab Project No:	**40632**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.50	NA		0.0683
11104-28-2	**AROCLOR 1221**	**ND**	0.50	NA		0.0666
11141-16-5	**AROCLOR 1232**	**ND**	0.50	NA		0.0648
53469-21-9	**AROCLOR 1242**	**ND**	0.50	NA		0.0485
12672-29-6	**AROCLOR 1248**	**ND**	0.50	NA		0.0544
11097-69-1	**AROCLOR 1254**	**ND**	0.50	NA		0.0608
11096-82-5	**AROCLOR 1260**	**ND**	0.50	NA		0.0732

%SOLIDS	**100%**
Initial Vol..(ml))	**1000.00**
Final Vol.(ml)	**10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client: U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.
Location: Streams, 3rd Qrtr. '04
Client ID: Stream Site # 11
Lab ID: 4063211
Filename: PCB02913.D
Lab Project No: 40632

MATRIX: Aqueous
Date Extracted: 8/30/2004
Ext. Batch: 083004
Date Analyzed: 8/30/2004
DILUTION: 1

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.50	NA		0.0683
11104-28-2	AROCLOR 1221	ND	0.50	NA		0.0666
11141-16-5	AROCLOR 1232	ND	0.50	NA		0.0648
53469-21-9	AROCLOR 1242	ND	0.50	NA		0.0485
12672-29-6	AROCLOR 1248	ND	0.50	NA		0.0544
11097-69-1	AROCLOR 1254	ND	0.50	NA		0.0608
11096-82-5	AROCLOR 1260	ND	0.50	NA		0.0732

%SOLIDS 100%
Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client: U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.
Location: Streams, 3rd Qrtr. '04
Client ID: Stream Site # 27
Lab ID: 4063212
Filename: PCB02914.D
Lab Project No: 40632

MATRIX: Aqueous
Date Extracted: 8/30/2004
Ext. Batch: 083004
Date Analyzed: 8/30/2004
DILUTION: 1

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.50	NA		0.0683
11104-28-2	AROCLOR 1221	ND	0.50	NA		0.0666
11141-16-5	AROCLOR 1232	ND	0.50	NA		0.0648
53469-21-9	AROCLOR 1242	ND	0.50	NA		0.0485
12672-29-6	AROCLOR 1248	ND	0.50	NA		0.0544
11097-69-1	AROCLOR 1254	ND	0.50	NA		0.0608
11096-82-5	AROCLOR 1260	ND	0.50	NA		0.0732

%SOLIDS 100%
Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client: U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.
Location: Streams, 3rd Qrtr. '04
Client ID: Stream Site # 07
Lab ID: 4063213
Filename: PCB02915.D
Lab Project No: 40632

MATRIX: Aqueous
Date Extracted: 8/30/2004
Ext. Batch: 083004
Date Analyzed: 8/30/2004
DILUTION: 1

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.50	NA		0.0683
11104-28-2	AROCLOR 1221	ND	0.50	NA		0.0666
11141-16-5	AROCLOR 1232	ND	0.50	NA		0.0648
53469-21-9	AROCLOR 1242	ND	0.50	NA		0.0485
12672-29-6	AROCLOR 1248	ND	0.50	NA		0.0544
11097-69-1	AROCLOR 1254	ND	0.50	NA		0.0608
11096-82-5	AROCLOR 1260	ND	0.50	NA		0.0732

%SOLIDS 100%
Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client: U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.
Location: Streams, 3rd Qrtr. '04
Client ID: Stream Site # 28
Lab ID: 4063214
Filename: PCB02916.D
Lab Project No: 40632

MATRIX: Aqueous
Date Extracted: 8/30/2004
Ext. Batch: 083004
Date Analyzed: 8/30/2004
DILUTION: 1

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.50	NA		0.0683
11104-28-2	AROCLOR 1221	ND	0.50	NA		0.0666
11141-16-5	AROCLOR 1232	ND	0.50	NA		0.0648
53469-21-9	AROCLOR 1242	ND	0.50	NA		0.0485
12672-29-6	AROCLOR 1248	ND	0.50	NA		0.0544
11097-69-1	AROCLOR 1254	ND	0.50	NA		0.0608
11096-82-5	AROCLOR 1260	ND	0.50	NA		0.0732

%SOLIDS 100%
Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams, 3rd Qrtr. '04**	**Date Extracted:**	**8/30/2004**
Client ID:	**Stream Site # 04**	**Ext. Batch:**	**083004**
Lab ID:	**4063215**	**Date Analyzed:**	**8/30/2004**
Filename:	**PCB02917.D**	**DILUTION:**	**1**
Lab Project No:	**40632**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.50	NA		0.0683
11104-28-2	**AROCLOR 1221**	**ND**	0.50	NA		0.0666
11141-16-5	**AROCLOR 1232**	**ND**	0.50	NA		0.0648
53469-21-9	**AROCLOR 1242**	**ND**	0.50	NA		0.0485
12672-29-6	**AROCLOR 1248**	**ND**	0.50	NA		0.0544
11097-69-1	**AROCLOR 1254**	**ND**	0.50	NA		0.0608
11096-82-5	**AROCLOR 1260**	**ND**	0.50	NA		0.0732

%SOLIDS 100%
Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client: U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.
Location: Streams, 3rd Qrtr. '04
Client ID: Stream Site # 05
Lab ID: 4063216
Filename: PCB02932.D
Lab Project No: 40632

MATRIX: Aqueous
Date Extracted: 9/1/2004
Ext. Batch: 090104
Date Analyzed: 9/1/2004
DILUTION: 1

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.50	NA		0.0683
11104-28-2	AROCLOR 1221	ND	0.50	NA		0.0666
11141-16-5	AROCLOR 1232	ND	0.50	NA		0.0648
53469-21-9	AROCLOR 1242	ND	0.50	NA		0.0485
12672-29-6	AROCLOR 1248	ND	0.50	NA		0.0544
11097-69-1	AROCLOR 1254	ND	0.50	NA		0.0608
11096-82-5	AROCLOR 1260	ND	0.50	NA		0.0732

%SOLIDS 100%
Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client: U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.
Location: Streams, 3rd Qrtr. '04
Client ID: Stream Site # 16
Lab ID: 4063217
Filename: PCB02933.D
Lab Project No: 40632

MATRIX: Aqueous
Date Extracted: 9/1/2004
Ext. Batch: 090104
Date Analyzed: 9/1/2004
DILUTION: 1

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.50	NA		0.0683
11104-28-2	AROCLOR 1221	ND	0.50	NA		0.0666
11141-16-5	AROCLOR 1232	ND	0.50	NA		0.0648
53469-21-9	AROCLOR 1242	ND	0.50	NA		0.0485
12672-29-6	AROCLOR 1248	ND	0.50	NA		0.0544
11097-69-1	AROCLOR 1254	ND	0.50	NA		0.0608
11096-82-5	AROCLOR 1260	ND	0.50	NA		0.0732

%SOLIDS 100%
Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client: U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.
Location: Streams, 3rd Qrtr. '04
Client ID: Stream Site # 24
Lab ID: 4063218
Filename: PCB02934.D
Lab Project No: 40632

MATRIX: Aqueous
Date Extracted: 9/1/2004
Ext. Batch: 090104
Date Analyzed: 9/1/2004
DILUTION: 1

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.50	NA		0.0683
11104-28-2	AROCLOR 1221	ND	0.50	NA		0.0666
11141-16-5	AROCLOR 1232	ND	0.50	NA		0.0648
53469-21-9	AROCLOR 1242	ND	0.50	NA		0.0485
12672-29-6	AROCLOR 1248	ND	0.50	NA		0.0544
11097-69-1	AROCLOR 1254	ND	0.50	NA		0.0608
11096-82-5	AROCLOR 1260	ND	0.50	NA		0.0732

%SOLIDS 100%
Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client: U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.
Location: Streams, 3rd Qrtr. '04
Client ID: Stream Site # 23
Lab ID: 4063219
Filename: PCB02935.D
Lab Project No: 40632

MATRIX: Aqueous
Date Extracted: 9/1/2004
Ext. Batch: 090104
Date Analyzed: 9/1/2004
DILUTION: 1

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.50	NA		0.0683
11104-28-2	AROCLOR 1221	ND	0.50	NA		0.0666
11141-16-5	AROCLOR 1232	ND	0.50	NA		0.0648
53469-21-9	AROCLOR 1242	ND	0.50	NA		0.0485
12672-29-6	AROCLOR 1248	ND	0.50	NA		0.0544
11097-69-1	AROCLOR 1254	ND	0.50	NA		0.0608
11096-82-5	AROCLOR 1260	ND	0.50	NA		0.0732

%SOLIDS 100%
Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams, 3rd Qrtr. '04**	**Date Extracted:**	**9/1/2004**
Client ID:	**Stream Site # 15**	**Ext. Batch:**	**090104**
Lab ID:	**4063220**	**Date Analyzed:**	**9/1/2004**
Filename:	**PCB02936.D**	**DILUTION:**	**1**
Lab Project No:	**40632**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.50	NA		0.0683
11104-28-2	**AROCLOR 1221**	**ND**	0.50	NA		0.0666
11141-16-5	**AROCLOR 1232**	**ND**	0.50	NA		0.0648
53469-21-9	**AROCLOR 1242**	**ND**	0.50	NA		0.0485
12672-29-6	**AROCLOR 1248**	**ND**	0.50	NA		0.0544
11097-69-1	**AROCLOR 1254**	**ND**	0.50	NA		0.0608
11096-82-5	**AROCLOR 1260**	**ND**	0.50	NA		0.0732

%SOLIDS 100%
Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client: U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.
Location: Streams, 3rd Qrtr. '04
Client ID: Stream Site # 25
Lab ID: 4063221
Filename: PCB02937.D
Lab Project No: 40632

MATRIX: Aqueous
Date Extracted: 9/1/2004
Ext. Batch: 090104
Date Analyzed: 9/1/2004
DILUTION: 1

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.50	NA		0.0683
11104-28-2	AROCLOR 1221	ND	0.50	NA		0.0666
11141-16-5	AROCLOR 1232	ND	0.50	NA		0.0648
53469-21-9	AROCLOR 1242	ND	0.50	NA		0.0485
12672-29-6	AROCLOR 1248	ND	0.50	NA		0.0544
11097-69-1	AROCLOR 1254	ND	0.50	NA		0.0608
11096-82-5	AROCLOR 1260	ND	0.50	NA		0.0732

%SOLIDS 100%
Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client: U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.
Location: Streams, 3rd Qrtr. '04
Client ID: Stream Site # 17
Lab ID: 4063222
Filename: PCB02938.D
Lab Project No: 40632

MATRIX: Aqueous
Date Extracted: 9/1/2004
Ext. Batch: 090104
Date Analyzed: 9/1/2004
DILUTION: 1

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.50	NA		0.0683
11104-28-2	AROCLOR 1221	ND	0.50	NA		0.0666
11141-16-5	AROCLOR 1232	ND	0.50	NA		0.0648
53469-21-9	AROCLOR 1242	ND	0.50	NA		0.0485
12672-29-6	AROCLOR 1248	ND	0.50	NA		0.0544
11097-69-1	AROCLOR 1254	ND	0.50	NA		0.0608
11096-82-5	AROCLOR 1260	ND	0.50	NA		0.0732

%SOLIDS 100%
Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams, 3rd Qrtr. '04**	**Date Extracted:**	**9/1/2004**
Client ID:	**Stream Site # 26**	**Ext. Batch:**	**090104**
Lab ID:	**4063223**	**Date Analyzed:**	**9/1/2004**
Filename:	**PCB02939.D**	**DILUTION:**	**1**
Lab Project No:	**40632**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.50	NA		0.0683
11104-28-2	**AROCLOR 1221**	**ND**	0.50	NA		0.0666
11141-16-5	**AROCLOR 1232**	**ND**	0.50	NA		0.0648
53469-21-9	**AROCLOR 1242**	**ND**	0.50	NA		0.0485
12672-29-6	**AROCLOR 1248**	**ND**	0.50	NA		0.0544
11097-69-1	**AROCLOR 1254**	**ND**	0.50	NA		0.0608
11096-82-5	**AROCLOR 1260**	**ND**	0.50	NA		0.0732

%SOLIDS	**100%**
Initial Vol..(ml))	**1000.00**
Final Vol.(ml)	**10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client: U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.
Location: Streams, 3rd Qrtr. '04
Client ID: Stream Site # 03
Lab ID: 4063224
Filename: PCB02940.D
Lab Project No: 40632

MATRIX: Aqueous
Date Extracted: 9/1/2004
Ext. Batch: 090104
Date Analyzed: 9/1/2004
DILUTION: 1

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.50	NA		0.0683
11104-28-2	AROCLOR 1221	ND	0.50	NA		0.0666
11141-16-5	AROCLOR 1232	ND	0.50	NA		0.0648
53469-21-9	AROCLOR 1242	ND	0.50	NA		0.0485
12672-29-6	AROCLOR 1248	ND	0.50	NA		0.0544
11097-69-1	AROCLOR 1254	ND	0.50	NA		0.0608
11096-82-5	AROCLOR 1260	ND	0.50	NA		0.0732

%SOLIDS 100%
Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Aqueous**
Location:	**Streams, 3rd Qrtr. '04**	**Date Extracted:**	**9/1/2004**
Client ID:	**Stream Site # 14**	**Ext. Batch:**	**090104**
Lab ID:	**4063225**	**Date Analyzed:**	**9/1/2004**
Filename:	**PCB02941.D**	**DILUTION:**	**1**
Lab Project No:	**40632**		
		Analyst:	**A.A.**

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	**AROCLOR 1016**	**ND**	0.50	NA		0.0683
11104-28-2	**AROCLOR 1221**	**ND**	0.50	NA		0.0666
11141-16-5	**AROCLOR 1232**	**ND**	0.50	NA		0.0648
53469-21-9	**AROCLOR 1242**	**ND**	0.50	NA		0.0485
12672-29-6	**AROCLOR 1248**	**ND**	0.50	NA		0.0544
11097-69-1	**AROCLOR 1254**	**ND**	0.50	NA		0.0608
11096-82-5	**AROCLOR 1260**	**ND**	0.50	NA		0.0732

%SOLIDS	**100%**
Initial Vol..(ml))	**1000.00**
Final Vol.(ml)	**10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client: U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.
Location: Streams 3rd Qrtr. '04
Client ID: Stream Site # 13
Lab ID: 4065001
Filename: PCB02975.D
Lab Project No: 40650

MATRIX: Aqueous
Date Extracted: 9/9/2004
Ext. Batch: 090904
Date Analyzed: 9/10/2004
DILUTION: 1

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (ug/L)	*Reporting Limit (ug/L)	Cleanup Criteria (ug/L)	QUALIFIER	MDL (ug/L)
12674-11-2	AROCLOR 1016	ND	0.50	NA		0.0683
11104-28-2	AROCLOR 1221	ND	0.50	NA		0.0666
11141-16-5	AROCLOR 1232	ND	0.50	NA		0.0648
53469-21-9	AROCLOR 1242	ND	0.50	NA		0.0485
12672-29-6	AROCLOR 1248	ND	0.50	NA		0.0544
11097-69-1	AROCLOR 1254	ND	0.50	NA		0.0608
11096-82-5	AROCLOR 1260	ND	0.50	NA		0.0732

%SOLIDS 100%
Initial Vol..(ml)) 1000.00
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Stream Water Analysis
3rd Quarter 2004

Sample ID	Date Sampled	Stream Site#	Temp C	pH	D.O. (mg/L)	Nitrates (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	Ammonia (mg/L)	T.Coliform (cfu/100ml)	F.Coliform (cfu/100ml)	% Salinity
4063204	8/26/04	22	23.1	7.64	7.19	1.9	0.40	1281	ND	660	40	19
4063205	8/26/04	21	21.6	7.71	7.31	1.9	0.60	1581	ND	220	ND	20
4063206	8/26/04	20	22.7	7.69	7.27	1.7	0.53	1250	ND	280	ND	19
4063207	8/26/04	9	22.1	7.54	7.31	1.3	0.05	74.0	ND	TNTC	ND	16
4063208	8/26/04	19	21.4	7.49	8.91	1.8	0.06	11.0	ND	3760	ND	1
4063209	8/26/04	12	24.7	7.51	7.01	2.2	0.06	10.6	ND	TNTC	20	0
4063210	8/26/04	18	24.8	7.50	7.00	2.2	0.04	10.7	ND	11360	ND	0
4063211	8/26/04	11	21.2	7.31	8.76	2.2	0.04	16.8	ND	5440	20	0
4063212	8/26/04	27	22.4	7.68	7.31	ND	0.15	209	ND	TNTC	100	17
4063213	8/26/04	7	22.3	7.69	7.41	ND	0.15	207	ND	4160	300	16
4063214	8/26/04	28	22.4	7.71	7.40	ND	0.12	225	ND	TNTC	80	16
4063215	8/26/04	4	22.1	7.70	7.52	ND	0.18	226	ND	TNTC	80	15
4063216	8/26/04	5	23.1	7.61	7.60	0.4	0.10	19.9	ND	2000	40	13
4063217	8/26/04	16	22.8	7.59	7.60	ND	0.08	21.7	ND	3120	20	11
4063218	8/26/04	24	22.7	7.51	7.51	ND	0.10	21.7	ND	4000	20	9
4063219	8/26/04	23	21.7	7.48	7.49	1.5	0.12	20.6	ND	3880	20	8
4063220	8/26/04	15	21.0	7.53	7.37	1.9	0.12	19.9	ND	5440	ND	7
4063221	8/26/04	25	22.7	7.57	7.31	0.7	0.12	21.5	ND	4240	ND	12
4063222	8/26/04	17	22.1	7.50	7.41	1.0	0.13	21.0	ND	4440	20	11
4063223	8/26/04	26	22.0	7.44	7.40	1.2	0.14	22.1	ND	3120	40	9
4063224	8/26/04	3	21.7	7.32	7.91	1.5	0.21	16.3	ND	TNTC	ND	6
4063225	8/26/04	14	20.9	7.30	8.81	1.0	0.20	17.4	ND	TNTC	20	0
4063226	8/26/04	13	21.1	7.60	8.76	5.2	0.25	24.8	ND	1180	ND	0

mg/L = Parts Per Million
cfu = Colony Forming Units
ND = Not detected
TNTC = Too Numerous to Count

Completed: 09/23/04
Reviewed:

Daniel K. Wright
Laboratory Director

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	-	21000	0.083		-
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND			
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND			
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND			
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND			
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	ND			
11/18/1998	FMETL	ND	ND	ND	1.09	ND	ND	ND			
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND			
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	ND			
09/22/1999	FMETL	ND	ND	ND	ND	ND	ND	ND			
12/09/1999	FMETL	ND	ND	ND	ND	ND	ND	ND			
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND			
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND			
08/24/2000	FMETL	ND	ND	ND	ND	ND	ND	ND			
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND			
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V
06/18/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P
11/05/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P
03/24/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V,P
11/04/2003	FMETL	ND	ND	ND	ND	ND	3.57	ND	ND		V,P
03/17/2004	FMETL	ND	ND	ND	ND	1.32	ND	ND	ND		V,P
05/17/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V,P
08/26/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V,P

SOURCE: 3

Sampling Dates:
07/17/1997 - 08/26/2004

NOTES:

Stream 3 is Fresh-Water.
MeCl limit is 2.49 ug/L.
PCE limit is 0.388 ug/L.

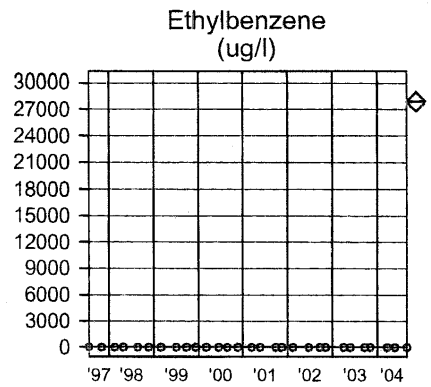
Page 1 of 1

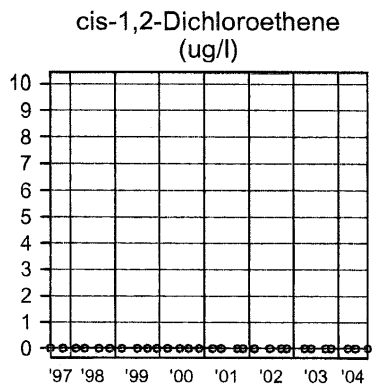
Fort Monmouth

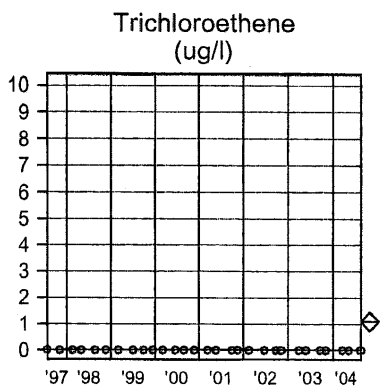
GW Monitoring
Streams

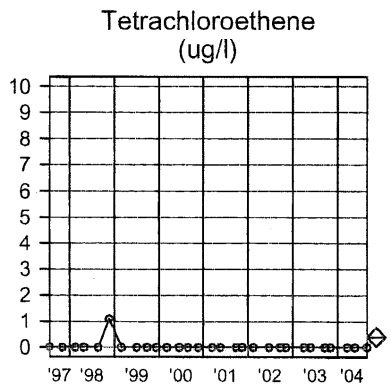
Source 1 of 23

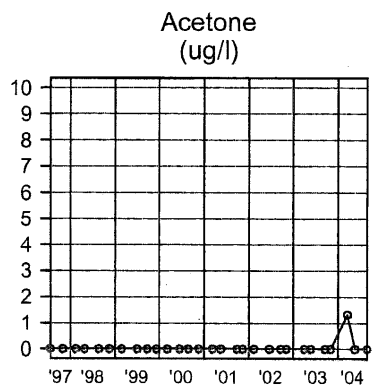
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

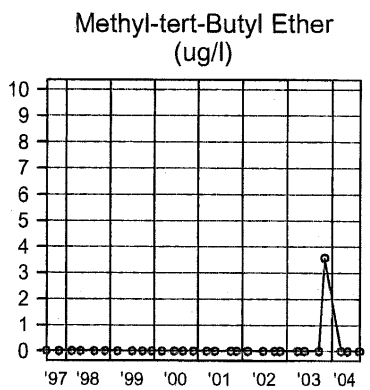


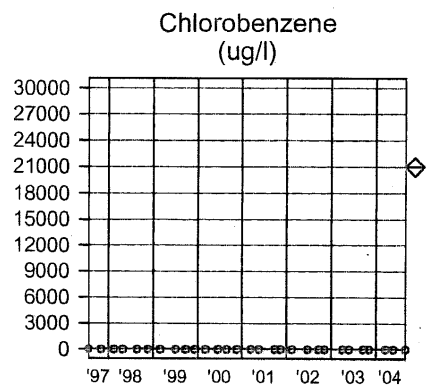


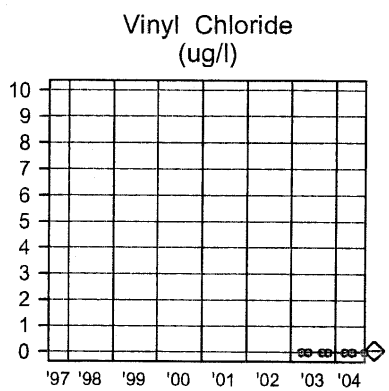












SOURCE: 3

Sampling Dates:
07/17/1997 - 08/26/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 1 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-23-2004 X:\MtechData\Streams\STREAMS.WSF

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	-	21000	0.083		-
04/08/1997	FMETL	ND	2.18	ND	ND	ND	ND	ND			
07/17/1997	FMETL	ND	1.63	ND	1.61	ND	ND	ND			
10/30/1997	FMETL	ND	ND	ND	1.24	ND	ND	ND			
02/10/1998	FMETL	ND	ND	ND	6.61	ND	ND	ND			
04/21/1998	FMETL	ND	ND	ND	4.42	ND	ND	ND			
08/19/1998	FMETL	ND	1.92	1.10	2.85	ND	ND	ND			
11/17/1998	FMETL	ND	1.19	ND	1.62	ND	ND	ND			
02/25/1999	FMETL	ND	ND	ND	5.61	ND	ND	ND			
06/29/1999	FMETL	ND	2.41	1.56	5.27	ND	ND	ND			
09/22/1999	FMETL	ND	2.02	ND	1.85	ND	ND	ND			
12/09/1999	FMETL	ND	ND	ND	ND	ND	ND	ND			
03/01/2000	FMETL	ND	1.23	1.26	6.18	ND	2.18	ND			
06/12/2000	FMETL	ND	ND	ND	4.37	ND	ND	ND			
08/24/2000	FMETL	ND	1.19	1.19	3.19	ND	ND	ND			
11/20/2000	FMETL	ND	ND	ND	3.70	ND	ND	ND			-
03/08/2001	FMETL	ND	ND	ND	2.52	ND	ND	ND			-
05/16/2001	FMETL	ND	ND	ND	2.95	ND	ND	ND			-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
02/11/2002	FMETL	ND	ND	ND	1.64	ND	ND	ND			V
06/18/2002	FMETL	ND	ND	ND	1.97	ND	ND	ND			V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P
03/13/2003	FMETL	ND	0.57	0.51	2.33	ND	ND	ND	ND		V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V,P
09/17/2003	FMETL	ND	1.14	ND	1.13	ND	ND	ND	ND		V,P
11/04/2003	FMETL	ND	1.03	ND	ND	ND	454.16	ND	ND		V,P
03/17/2004	FMETL	ND	ND	ND	0.81	0.65	ND	ND	ND		V,P
05/17/2004	FMETL	ND	ND	ND	ND	6.62	ND	ND	ND		V,P
08/26/2004	FMETL	ND	0.97	ND	0.61	1.48	ND	ND	ND		V,P

SOURCE: 4

Sampling Dates:
04/08/1997 - 08/26/2004

NOTES:

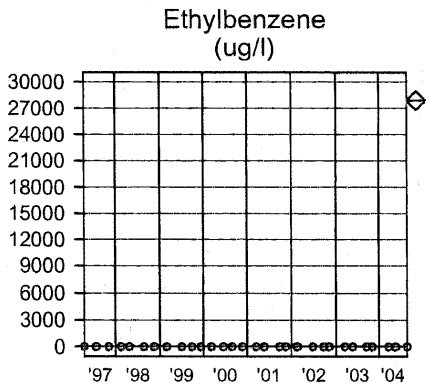
PAGE 1 OF 1
Stream 4 is Salt-Water.
MTBE limit is NLE
cis-1,2-Di limit is NLE
TCE limit is 81
PCE limit is 4.29

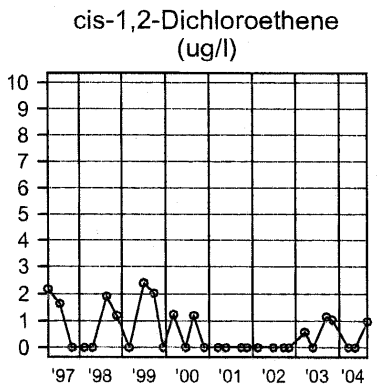
Fort Monmouth

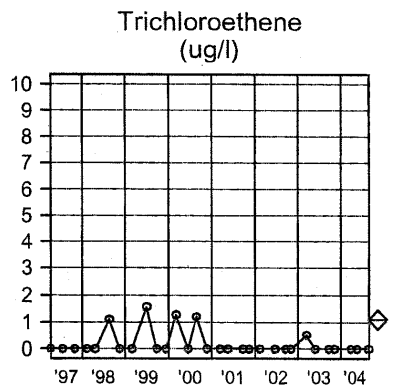
GW Monitoring
Streams

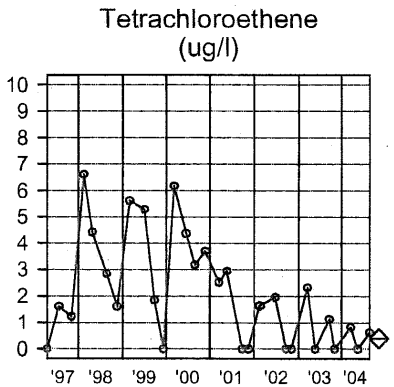
Source 2 of 23

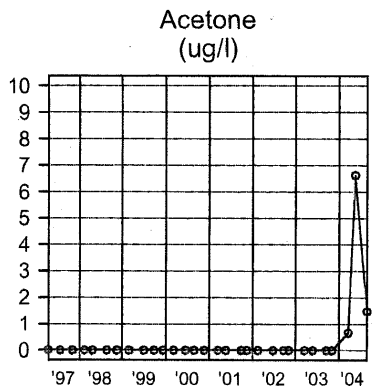
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

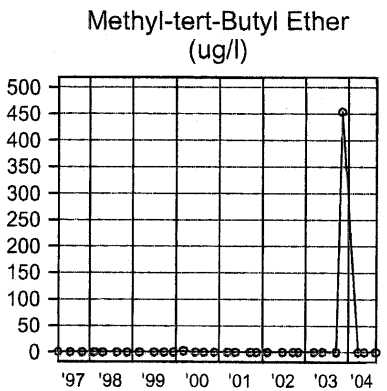


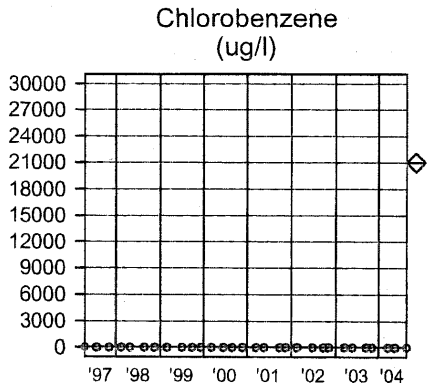


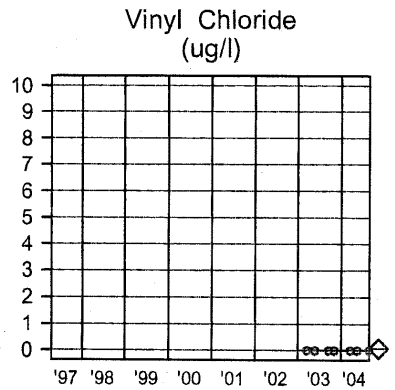












SOURCE: 4

Sampling Dates:
04/08/1997 - 08/26/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 2 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-23-2004 X:\MtechData\Streams\STREAMS.WSF

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	-	21000	0.083		-
04/08/1997	FMETL	ND	1.80	ND	2.28	ND	ND	ND			
07/17/1997	FMETL	ND	3.66	ND	3.54	ND	ND	ND			
10/30/1997	FMETL	ND	1.83	ND	1.70	ND	ND	ND			
02/10/1998	FMETL	ND	ND	ND	6.34	ND	ND	ND			
04/21/1998	FMETL	ND	ND	ND	4.48	ND	ND	ND			
08/19/1998	FMETL	ND	2.28	1.27	3.39	ND	ND	ND			
11/17/1998	FMETL	ND	1.67	ND	2.17	ND	ND	ND			
02/25/1999	FMETL	ND	ND	ND	5.45	ND	ND	ND			
06/29/1999	FMETL	ND	2.74	1.74	6.04	ND	ND	ND			
09/22/1999	FMETL	ND	1.96	ND	1.82	ND	ND	ND			
12/09/1999	FMETL	ND	1.60	ND	3.82	ND	ND	ND			
03/01/2000	FMETL	ND	1.27	1.36	6.62	ND	2.34	ND			
06/12/2000	FMETL	ND	ND	ND	4.38	ND	ND	ND			
08/24/2000	FMETL	ND	1.19	ND	3.44	ND	ND	ND			
11/20/2000	FMETL	ND	ND	ND	3.58	ND	ND	ND			-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
05/16/2001	FMETL	ND	0.97	ND	4.09	ND	ND	ND			-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
11/14/2001	FMETL	ND	1.51	ND	1.99	ND	ND	ND			-
02/11/2002	FMETL	ND	ND	ND	2.44	ND	ND	ND			V
06/18/2002	FMETL	ND	ND	ND	2.39	ND	ND	ND			V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P
03/13/2003	FMETL	ND	0.81	0.71	3.08	ND	ND	ND	ND		V,P
05/21/2003	FMETL	ND	ND	ND	3.54	ND	ND	ND	ND		V,P
09/17/2003	FMETL	ND	1.36	ND	1.23	ND	ND	ND	ND		V,P
11/04/2003	FMETL	ND	1.34	ND	ND	ND	556.49	ND	ND		V,P
03/17/2004	FMETL	ND	0.57	0.57	2.21	0.66	ND	ND	ND		V,P
05/17/2004	FMETL	ND	1.19	ND	1.31	ND	ND	ND	ND		V,P
08/26/2004	FMETL	ND	1.61	0.73	1.09	1.51	ND	ND	ND		V,P

SOURCE: 5

Sampling Dates:
04/08/1997 - 08/26/2004

NOTES:

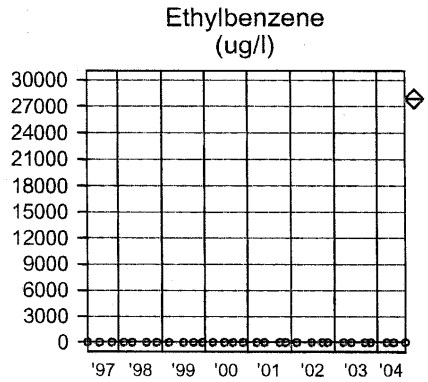
Page 1 of 1
Stream 5 is Salt-Water.
MeCl limit is 1600 ug/L.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.

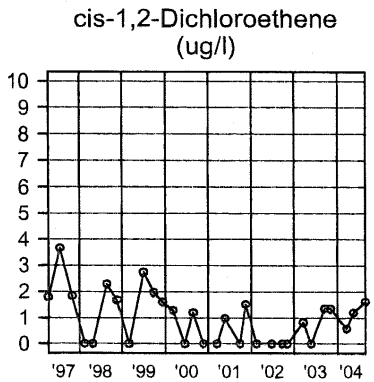
Fort Monmouth

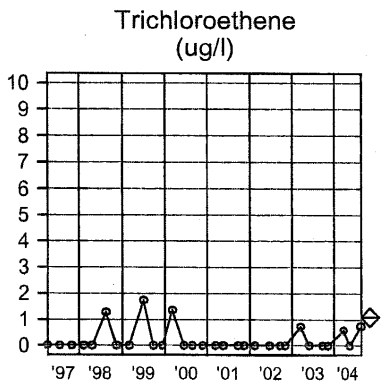
GW Monitoring
Streams

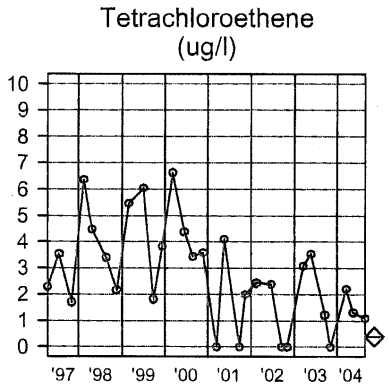
Source 3 of 23

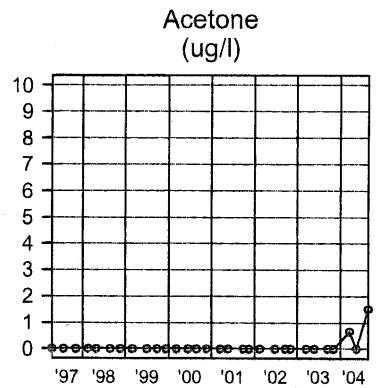
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

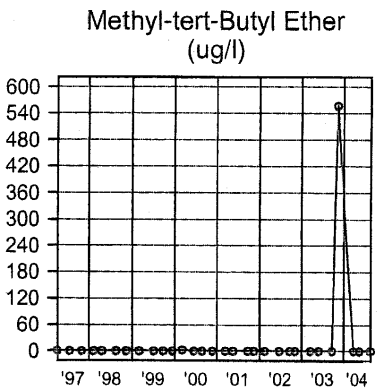


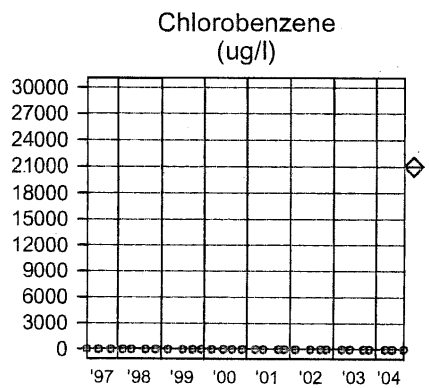


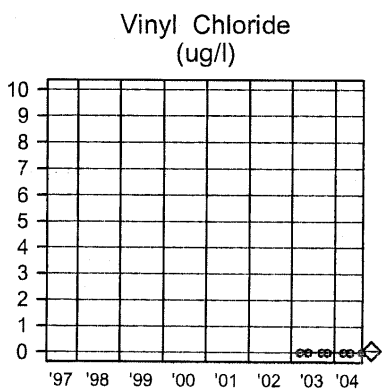












SOURCE: 5

Sampling Dates:
04/08/1997 - 08/26/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 3 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-23-2004 X:\MtechData\Streams\STREAMS.WSF

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	-	21000	0.083		-
04/08/1997	FMETL	ND	ND	ND	ND	ND	ND	ND			
07/17/1997	FMETL	ND	1.14	ND	1.08	ND	ND	ND			
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND			
02/10/1998	FMETL	ND	ND	ND	2.04	ND	ND	ND			
04/21/1998	FMETL	ND	ND	ND	2.40	ND	ND	ND			
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	ND			
11/17/1998	FMETL	ND	ND	ND	ND	ND	ND	ND			
02/25/1999	FMETL	ND	ND	ND	2.85	ND	ND	ND			
06/29/1999	FMETL	ND	ND	ND	1.42	2.94	2.00	ND			
09/22/1999	FMETL	ND	ND	ND	ND	ND	ND	ND			
12/09/1999	FMETL	ND	ND	ND	ND	ND	ND	ND			
03/01/2000	FMETL	ND	1.19	1.30	6.47	ND	2.14	ND			
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND			
08/24/2000	FMETL	ND	ND	ND	1.77	ND	ND	ND			
11/20/2000	FMETL	ND	ND	ND	1.94	ND	ND	ND			-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V
06/18/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P
03/13/2003	FMETL	ND	ND	ND	1.61	ND	ND	ND	ND		V,P
05/21/2003	FMETL	ND	ND	ND	2.67	ND	ND	ND	ND		V,P
09/17/2003	FMETL	ND	1.17	ND	1.08	ND	ND	ND	ND		V,P
11/04/2003	FMETL	ND	0.83	ND	1.04	ND	347.04	ND	ND		V,P
03/17/2004	FMETL	ND	ND	ND	0.85	0.58	ND	ND	ND		V,P
05/17/2004	FMETL	ND	ND	ND	ND	7.61	ND	ND	ND		V,P
08/26/2004	FMETL	ND	0.56	ND	ND	1.88	ND	ND	ND		V,P

SOURCE: 7

Sampling Dates:
04/08/1997 - 08/26/2004

NOTES:

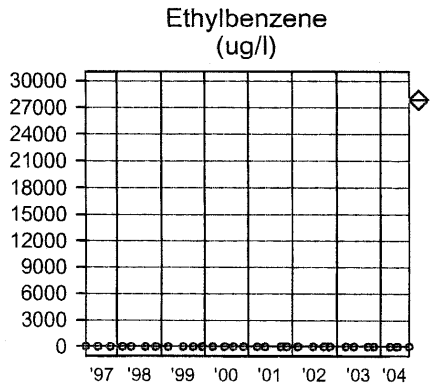
Page 1 of 1
Stream 7 is Salt-Water.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.
Acetone limit is NLE.

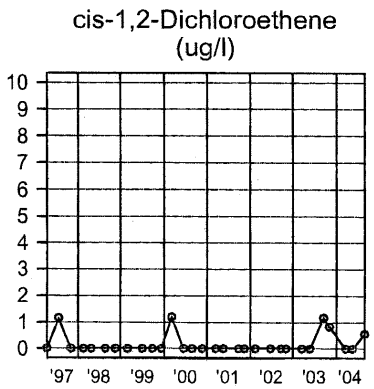
Fort Monmouth

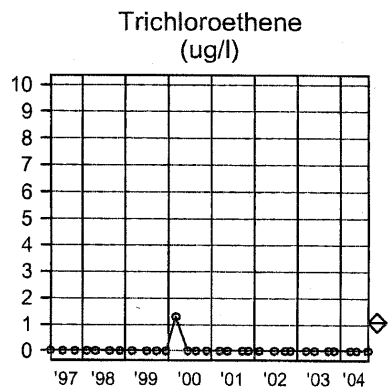
GW Monitoring
Streams

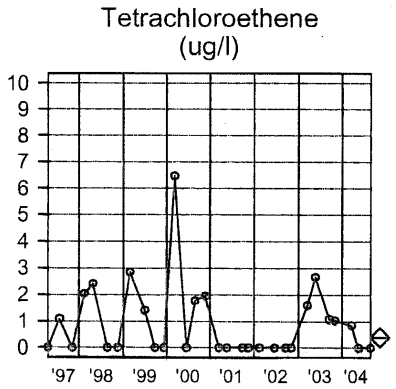
Source 4 of 23

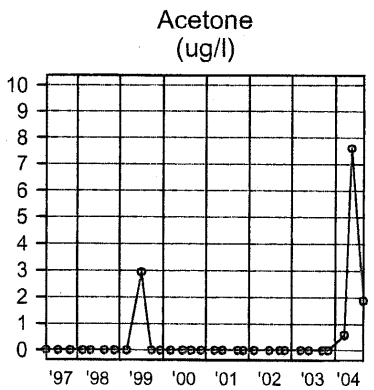
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

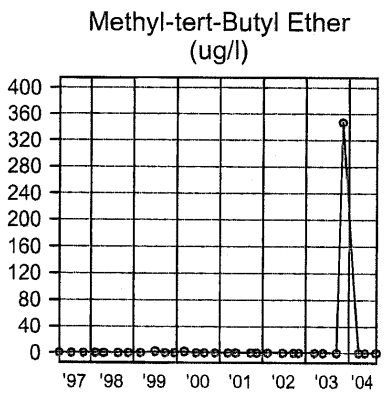


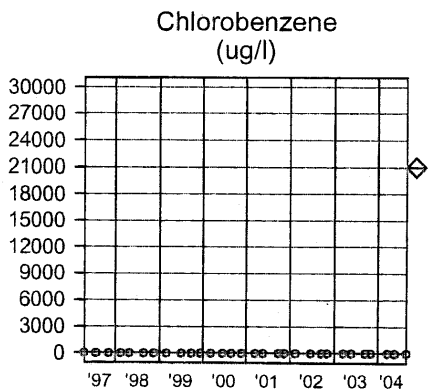


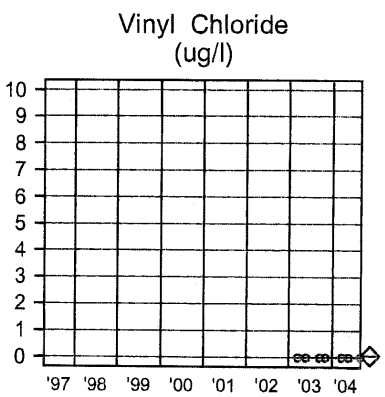












SOURCE: 7

Sampling Dates:
04/08/1997 - 08/26/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 4 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-23-2004 X:\MtechData\Streams\STREAMS.WSF

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	-	21000	0.083		-
04/08/1997	FMETL	ND	2.78	ND	ND	ND	ND	ND			
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND			
10/30/1997	FMETL	ND	2.14	ND	ND	ND	ND	ND			
02/10/1998	FMETL	ND	6.00	ND	ND	ND	ND	ND			
04/21/1998	FMETL	ND	4.73	ND	ND	ND	ND	ND			
08/19/1998	FMETL	ND	1.69	ND	ND	ND	ND	ND			
11/17/1998	FMETL	ND	ND	ND	ND	ND	ND	ND			
02/25/1999	FMETL	ND	1.78	ND	ND	ND	ND	ND			
06/29/1999	FMETL	ND	ND	ND	ND	2.50	ND	ND			
09/21/1999	FMETL	ND	1.91	ND	ND	ND	ND	ND			
12/09/1999	FMETL	ND	ND	ND	ND	25.08	ND	ND			
03/01/2000	FMETL	ND	2.17	ND	ND	ND	ND	ND			
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND			
08/24/2000	FMETL	ND	1.11	ND	ND	ND	ND	ND			
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND			-
11/20/2000D	FMETL	ND	ND	ND	ND	ND	ND	ND			-
02/21/2001	FMETL	ND	1.72	ND	ND	ND	ND	ND			-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
09/11/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V
06/18/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P
11/04/2002	FMETL	ND	1.24	ND	ND	ND	ND	ND			V,P
03/13/2003	FMETL	ND	9.40	ND	ND	ND	ND	ND	ND		V,P
05/21/2003	FMETL	ND	1.48	ND	ND	ND	ND	ND	ND		V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V,P
11/04/2003	FMETL	ND	8.75	ND	ND	ND	ND	ND	3.10		V,P
03/17/2004	FMETL	ND	1.36	ND	ND	ND	ND	ND	ND		V,P
05/17/2004	FMETL	ND	0.81	ND	ND	ND	ND	ND	ND		V,P
08/26/2004	FMETL	ND	0.60	ND	ND	1.45	ND	ND	ND		V,P

SOURCE: 9

Sampling Dates:
04/08/1997 - 08/26/2004

NOTES:

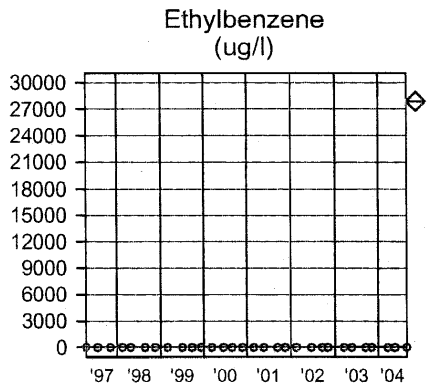
PAGE 1 OF 1
Stream 9 is Salt-Water.
MeCl limit is 1600 ug/L.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.

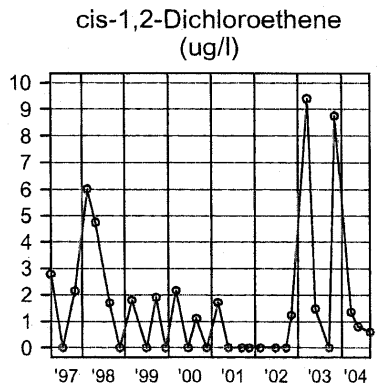
Fort Monmouth

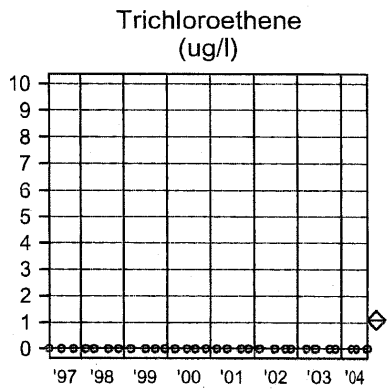
GW Monitoring
Streams

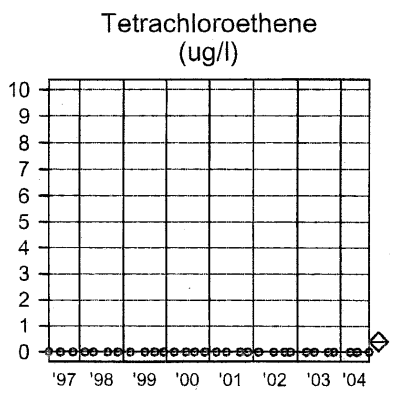
Source 5 of 23

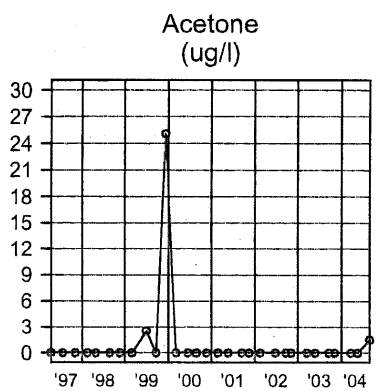
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

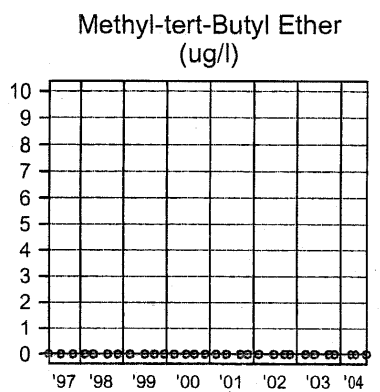


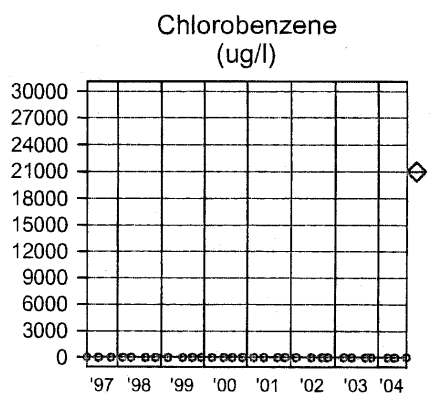


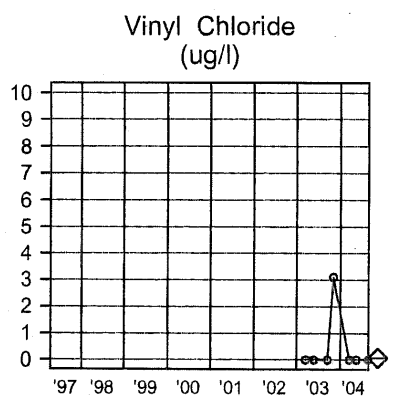












SOURCE: 9

Sampling Dates:
04/08/1997 - 08/26/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 5 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-23-2004 X:\MtechData\Streams\STREAMS.WSF

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	-	21000	0.083		-
04/08/1997	FMETL	ND	18.72	1.58	ND	ND	ND	ND			
07/17/1997	FMETL	ND	14.13	ND	ND	ND	ND	ND			
10/30/1997	FMETL	ND	18.23	ND	ND	ND	ND	ND			
02/10/1998	FMETL	ND	24.71	2.14	ND	ND	ND	ND			
04/21/1998	FMETL	ND	21.66	1.82	ND	ND	ND	ND			
08/19/1998	FMETL	ND	11.73	ND	ND	ND	ND	ND			
11/18/1998	FMETL	ND	8.82	ND	ND	ND	ND	ND			
02/25/1999	FMETL	ND	9.11	ND	ND	ND	ND	ND			
06/29/1999	FMETL	ND	5.77	ND	ND	ND	ND	ND			
09/21/1999	FMETL	ND	15.62	ND	ND	ND	ND	ND			
12/09/1999	FMETL	ND	11.90	ND	ND	ND	ND	ND			
03/01/2000	FMETL	ND	11.01	ND	ND	ND	1.64	ND			
06/12/2000	FMETL	ND	8.03	ND	ND	ND	ND	ND			
08/24/2000	FMETL	ND	9.08	ND	ND	ND	ND	ND			
08/24/2000D	FMETL	ND	8.70	ND	ND	6.22	ND	ND			
11/20/2000	FMETL	ND	5.34	ND	ND	ND	ND	ND			-
02/21/2001	FMETL	ND	8.26	ND	ND	ND	ND	ND			-
05/16/2001	FMETL	ND	5.21	ND	ND	ND	ND	ND			-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
11/14/2001	FMETL	ND	1.93	ND	ND	ND	ND	ND			-
02/11/2002	FMETL	ND	1.05	ND	ND	ND	ND	ND			V
06/18/2002	FMETL	ND	3.08	ND	ND	ND	ND	ND			V,P
09/18/2002	FMETL	ND	4.17	ND	ND	ND	ND	ND			V,P
11/05/2002	FMETL	ND	7.48	ND	ND	ND	ND	ND	1.33		V,P
03/13/2003	FMETL	ND	24.28	0.67	ND	ND	0.79	ND	3.37		V,P
05/21/2003	FMETL	ND	14.79	ND	ND	ND	ND	ND	1.41		V,P
09/17/2003	FMETL	ND	7.79	ND	ND	ND	ND	ND	1.74		V,P
11/04/2003	FMETL	ND	8.75	ND	ND	ND	ND	ND	3.10		V,P
03/17/2004	FMETL	ND	8.14	0.46	ND	ND	ND	ND	2.07		V,P
05/17/2004	FMETL	ND	9.25	ND	ND	5.98	ND	ND	2.43		V,P
08/26/2004	FMETL	ND	4.29	ND	ND	0.84	ND	ND	1.01		V,P

SOURCE: 11

Sampling Dates:
04/08/1997 - 08/26/2004

NOTES:

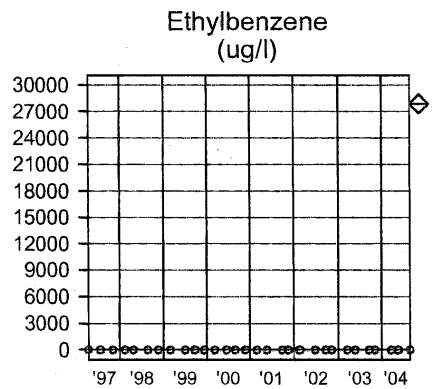
Page 1 of1
Stream 11 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09 ug/L.
MTBE limit is NLE.

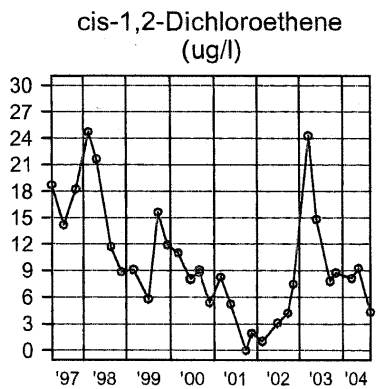
Fort Monmouth

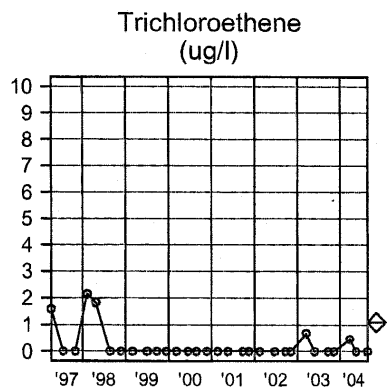
GW Monitoring
Streams

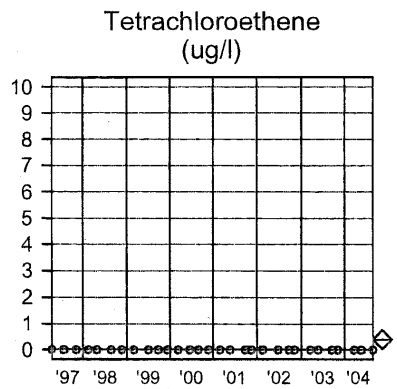
Source 6 of 23

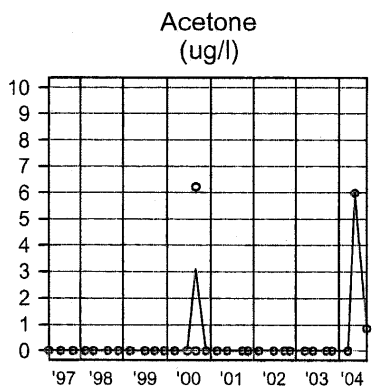
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

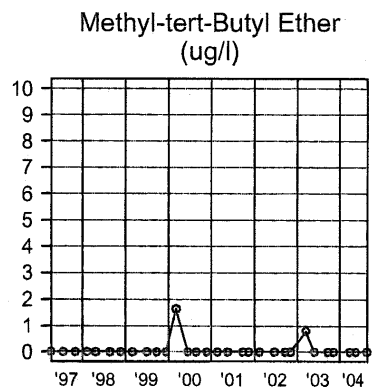


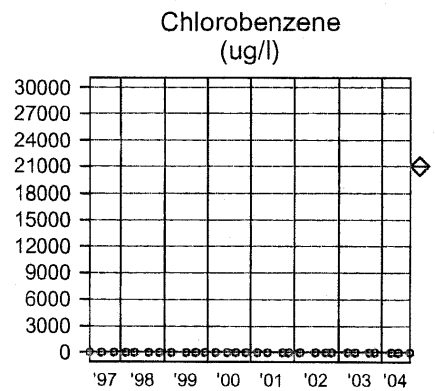


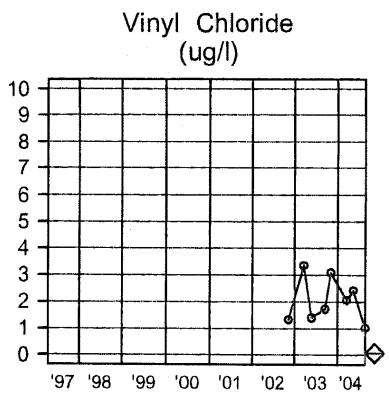












SOURCE: 11

Sampling Dates:
04/08/1997 - 08/26/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 6 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-23-2004 X:\MtechData\Streams\STREAMS.WSF

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		- -
NJDEP Criteria:	-	27900	-	1.09	0.388	-	-	21000	0.083		-
04/08/1997	FMETL	ND	6.63	ND	ND	ND	ND	ND			
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND			
10/30/1997	FMETL	ND	5.67	ND	ND	ND	ND	ND			
02/10/1998	FMETL	ND	6.54	ND	ND	ND	ND	ND			
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND			
08/19/1998	FMETL	ND	4.58	ND	ND	ND	ND	ND			
11/18/1998	FMETL	ND	2.48	ND	ND	ND	ND	ND			
02/25/1999	FMETL	ND	1.80	ND	ND	ND	ND	ND			
06/29/1999	FMETL	ND	1.39	ND	ND	ND	ND	ND			
09/21/1999	FMETL	ND	3.67	ND	ND	9.54	ND	ND			
12/09/1999	FMETL	ND	2.74	ND	ND	ND	ND	ND			
03/01/2000	FMETL	ND	3.13	ND	ND	ND	ND	ND			
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND			
08/24/2000	FMETL	ND	2.00	ND	ND	ND	ND	ND			
11/20/2000	FMETL	ND	1.87	ND	ND	ND	ND	ND			-
02/21/2001	FMETL	ND	1.89	ND	ND	ND	ND	ND			-
05/16/2001	FMETL	ND	1.66	ND	ND	ND	ND	ND			-
05/16/2001D	FMETL	ND	1.72	ND	ND	ND	ND	ND			-
09/11/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V
06/18/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P
11/05/2002	FMETL	ND	5.16	ND	ND	ND	ND	ND	ND		V,P
03/13/2003	FMETL	ND	9.43	ND	ND	ND	1.18	ND	1.30		V,P
05/21/2003	FMETL	ND	3.90	ND	ND	ND	ND	ND	ND		V,P
09/17/2003	FMETL	ND	2.91	ND	ND	ND	ND	ND	ND		V,P
11/04/2003	FMETL	ND	5.34	ND	ND	ND	ND	ND	1.29		V,P
03/17/2004	FMETL	ND	1.53	ND	ND	ND	ND	ND	ND		V,P
05/17/2004	FMETL	ND	1.38	ND	ND	ND	ND	ND	ND		V,P
08/26/2004	FMETL	ND	1.60	ND	ND	2.70	ND	ND	ND		V,P

SOURCE: 12

Sampling Dates:
04/08/1997 - 08/26/2004

NOTES:

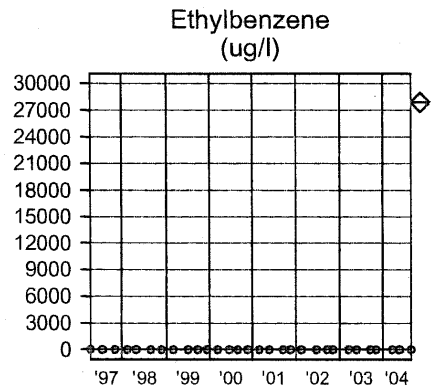
Page 1 of 1
Stream 12 is Fresh-Water.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.

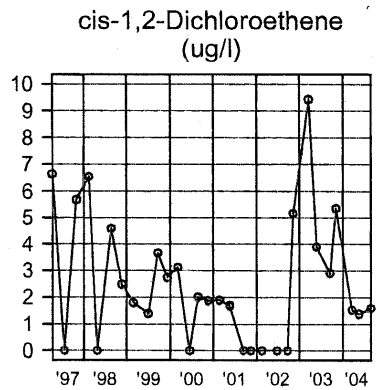
Fort Monmouth

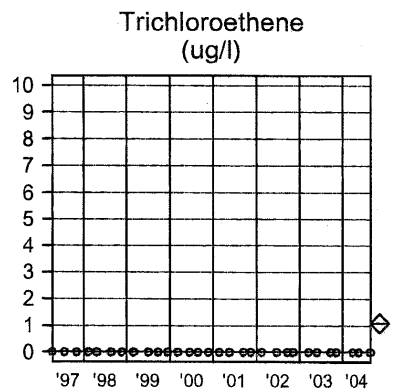
GW Monitoring
Streams

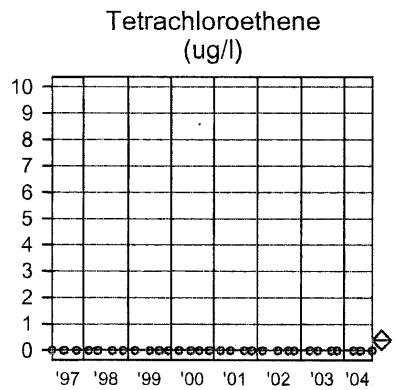
Source 7 of 23

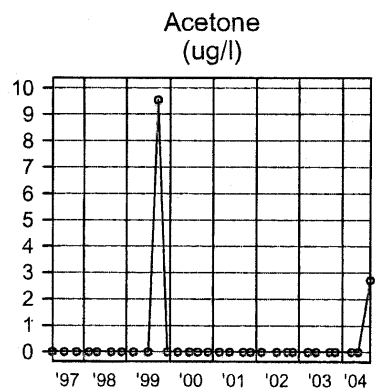
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

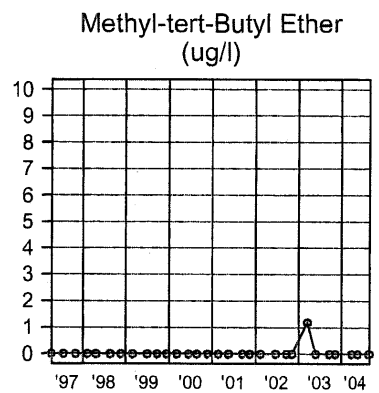


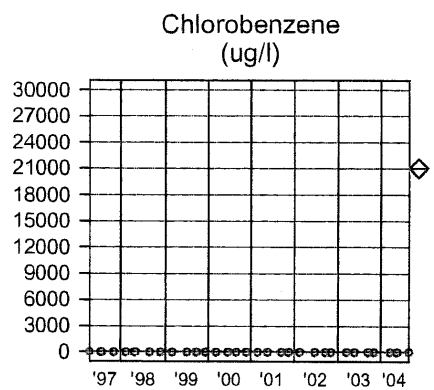


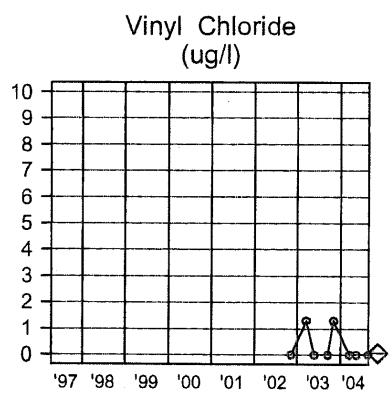












SOURCE: 12

Sampling Dates:
04/08/1997 - 08/26/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 7 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-23-2004 X:\MtechData\Streams\STREAMS.WSF

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	-	21000	0.083		-
04/08/1997	FMETL	ND	ND	ND	ND	2.81	ND	ND			
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND			
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND			
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND			
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND			
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	ND			
11/18/1998	FMETL	ND	ND	ND	ND	ND	ND	ND			
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND			
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	ND			
09/22/1999	FMETL	ND	ND	ND	ND	ND	ND	ND			
12/09/1999	FMETL	ND	ND	ND	3.94	ND	ND	ND			
03/01/2000	FMETL	ND	1.35	1.40	6.92	ND	2.40	ND			
06/12/2000	FMETL	ND	ND	ND	5.56	ND	ND	ND			
08/24/2000	FMETL	ND	2.17	1.78	5.40	ND	ND	ND			
11/20/2000	FMETL	ND	ND	ND	6.58	ND	ND	ND			-
02/21/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V
06/18/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P
11/05/2002	FMETL	ND	ND	ND	1.46	ND	ND	ND	ND		V,P
03/24/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V,P
11/04/2003	FMETL	1.29	ND	ND	ND	ND	907.66	ND	ND		V,P
03/17/2004	FMETL	ND	ND	ND	ND	0.57	ND	ND	ND		V,P
05/17/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V,P
08/26/2004	FMETL	ND	ND	ND	ND	3.24	ND	ND	ND		V,P

SOURCE: 13

Sampling Dates:
04/08/1997 - 08/26/2004

NOTES:

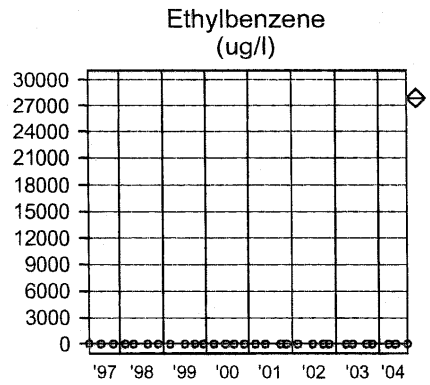
Page 1 of 1
Stream 13 is Fresh-Water.
MeCl limit is 2.49 ug/L.
cis-1,2-Di limit is NLE.
TCE limit is 1.09.
PCE limit is 0.388 ug/L.
Acetone limit is NLE.
MTBE limit is NLE.

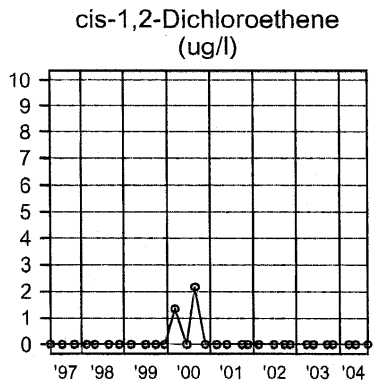
Fort Monmouth

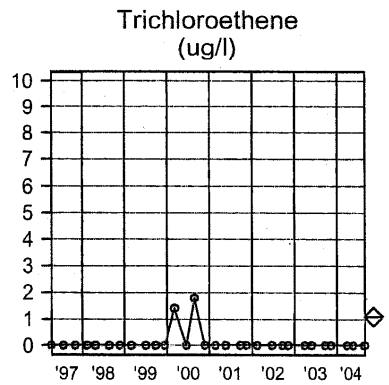
GW Monitoring
Streams

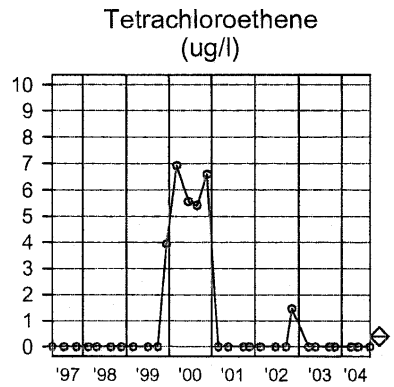
Source 8 of 23

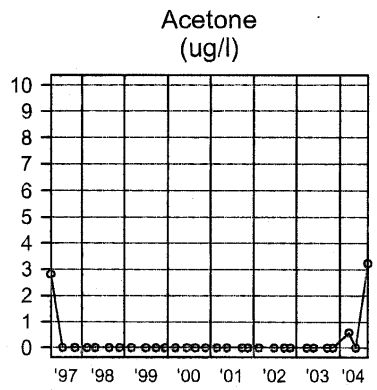
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

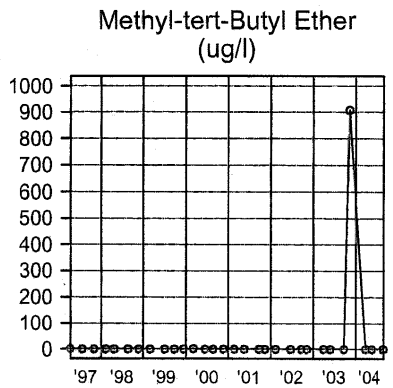


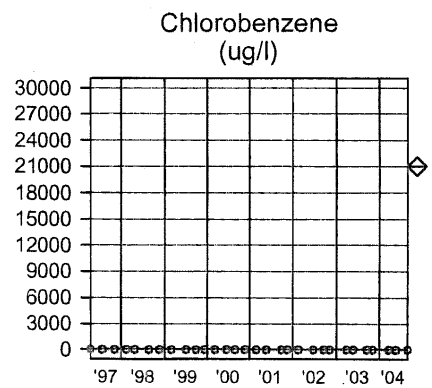


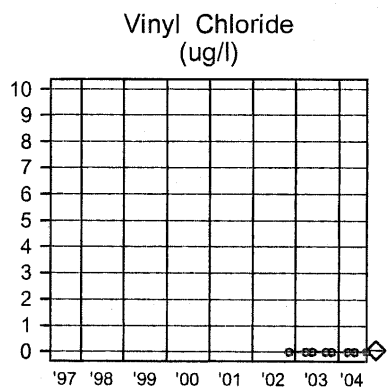












SOURCE: 13

Sampling Dates:
04/08/1997 - 08/26/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 8 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-23-2004 X:\MtechData\Streams\STREAMS.WSF

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	-	21000	0.083		-
04/08/1997	FMETL	ND	ND	ND	ND	3.94	ND	ND			
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND			
10/30/1997	FMETL	ND	1.59	1.75	ND	ND	ND	ND			
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND			
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND			
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	ND			
11/18/1998	FMETL	ND	ND	ND	ND	3.32	ND	ND			
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND			
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	ND			
09/22/1999	FMETL	ND	ND	ND	ND	ND	ND	ND			
12/09/1999	FMETL	ND	11.26	ND	ND	ND	ND	ND			
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND			
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND			
08/24/2000	FMETL	ND	ND	ND	ND	ND	ND	ND			
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND			-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
03/08/2001D	FMETL	ND	ND	ND	ND	ND	ND	ND			-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V
06/18/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P
11/05/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V,P
03/24/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V,P
11/04/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V,P
03/17/2004	FMETL	ND	ND	ND	ND	0.98	ND	ND	ND		V,P
05/17/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V,P
08/26/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V,P

SOURCE: 14

Sampling Dates:
04/08/1997 - 08/26/2004

NOTES:

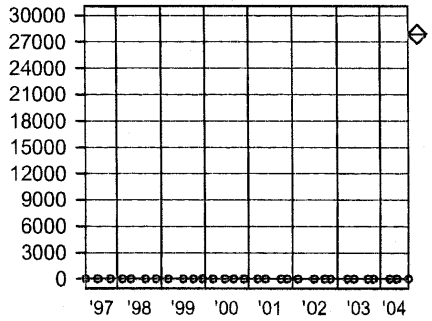
Page 1 of 1
Stream 14 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09.
Acetone limit is NLE.

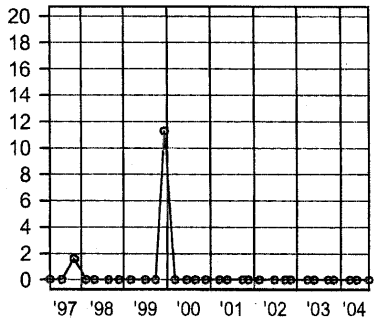
Fort Monmouth

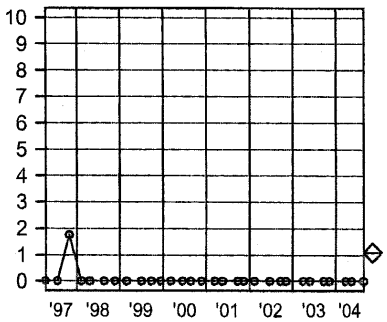
GW Monitoring
Streams

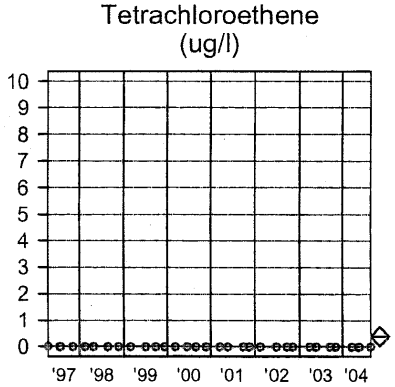
Source 9 of 23

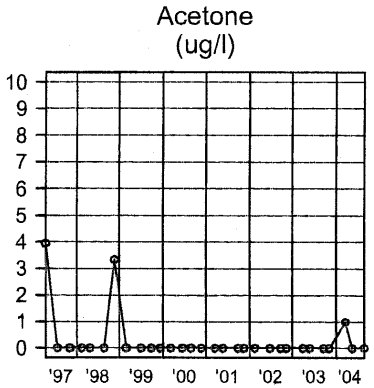
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

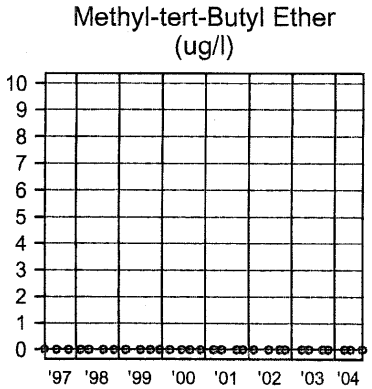


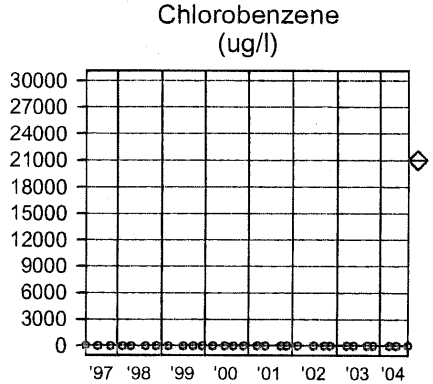


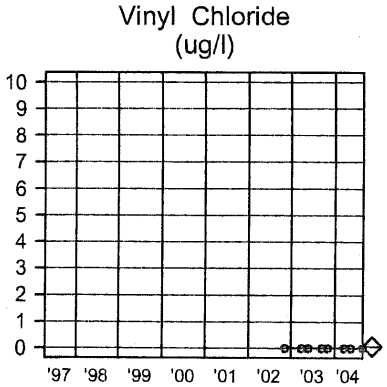












SOURCE: 14

Sampling Dates:
04/08/1997 - 08/26/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 9 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-23-2004 X:\MtechData\Streams\STREAMS.WSF

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	-	21000	0.083		-
04/08/1997	FMETL	ND	2.69	1.60	6.00	ND	ND	ND			
07/17/1997	FMETL	ND	5.53	2.50	7.12	ND	ND	ND			
10/30/1997	FMETL	ND	2.57	ND	2.72	ND	ND	ND			
02/10/1998	FMETL	ND	ND	1.03	6.90	ND	ND	ND			
04/21/1998	FMETL	ND	1.22	1.21	5.72	ND	ND	ND			
08/19/1998	FMETL	ND	3.89	2.06	5.39	ND	ND	ND			
11/18/1998	FMETL	ND	ND	ND	ND	ND	ND	ND			
02/25/1999	FMETL	ND	ND	ND	7.33	ND	ND	ND			
06/29/1999	FMETL	ND	4.17	2.40	7.86	ND	ND	ND			
09/21/1999	FMETL	ND	3.59	1.37	2.61	ND	ND	ND			
12/09/1999	FMETL	ND	ND	ND	4.08	ND	ND	ND			
03/01/2000	FMETL	ND	1.39	1.39	6.95	ND	2.38	ND			
06/12/2000	FMETL	ND	ND	ND	5.94	ND	ND	ND			
08/24/2000	FMETL	ND	2.02	1.09	5.20	ND	ND	ND			
11/20/2000	FMETL	ND	ND	ND	6.29	ND	ND	ND			-
02/21/2001	FMETL	ND	ND	ND	7.19	ND	ND	ND			-
05/16/2001	FMETL	ND	1.50	ND	6.64	ND	ND	ND			-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
09/25/2001D	FMETL	ND	ND	ND	ND	ND	ND	ND			-
11/14/2001	FMETL	ND	3.09	ND	3.49	ND	ND	ND			-
02/11/2002	FMETL	ND	ND	ND	2.65	ND	ND	ND			V
06/18/2002	FMETL	ND	1.63	ND	2.67	ND	ND	ND			V,P
09/18/2002	FMETL	ND	2.39	ND	2.55	ND	ND	ND			V,P
11/05/2002	FMETL	ND	ND	ND	1.52	ND	ND	ND	ND		V,P
03/24/2003	FMETL	ND	1.44	1.11	3.96	ND	ND	ND	ND		V,P
05/21/2003	FMETL	ND	1.89	ND	3.84	ND	ND	ND	ND		V,P
09/17/2003	FMETL	ND	1.64	ND	1.60	ND	ND	ND	ND		V,P
11/04/2003	FMETL	0.69	1.71	0.53	1.49	ND	535.08	ND	ND		V,P
03/17/2004	FMETL	ND	0.55	0.55	2.26	0.69	ND	ND	ND		V,P
05/15/2004	FMETL	ND	1.18	ND	1.28	ND	ND	ND	ND		V,P
08/26/2004	FMETL	ND	1.78	0.78	1.25	2.15	ND	ND	ND		V,P

SOURCE: 15

Sampling Dates:
04/08/1997 - 08/26/2004

NOTES:

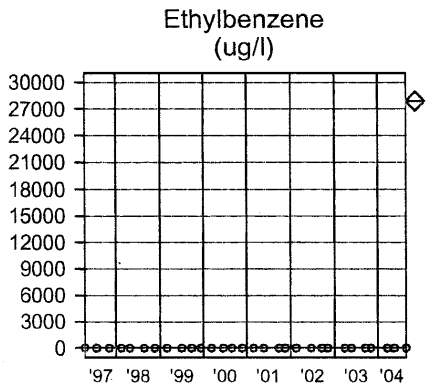
Page 1 of 1
Stream 15 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09 ug/L.
PCE limit is 0.388 ug/L.
MTBE limit is NLE.

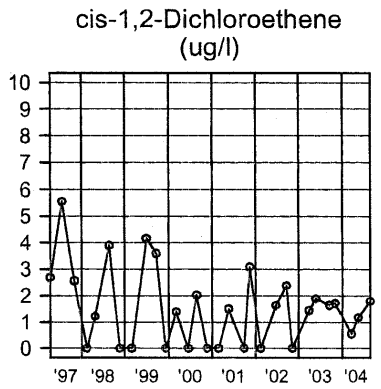
Fort Monmouth

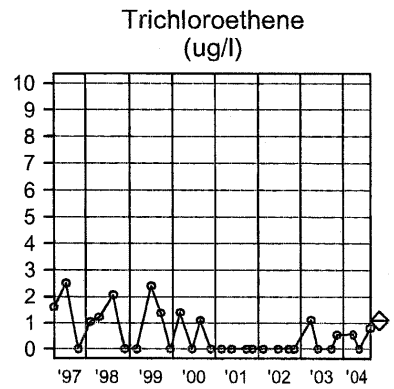
GW Monitoring
Streams

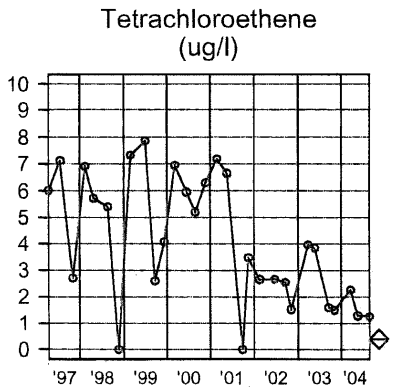
Source 10 of 23

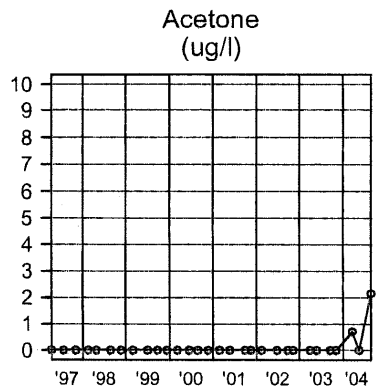
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

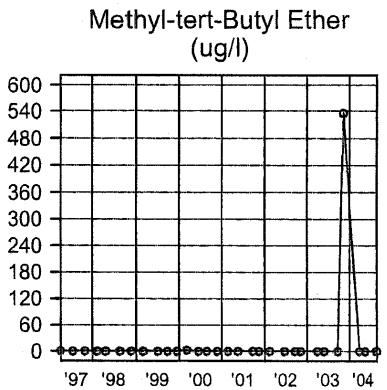


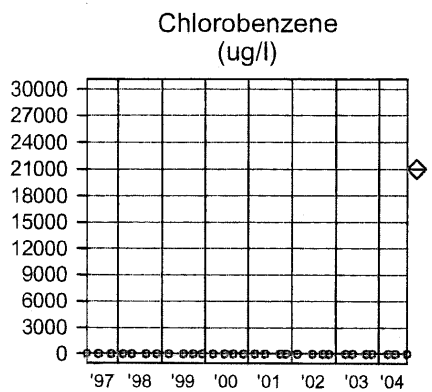


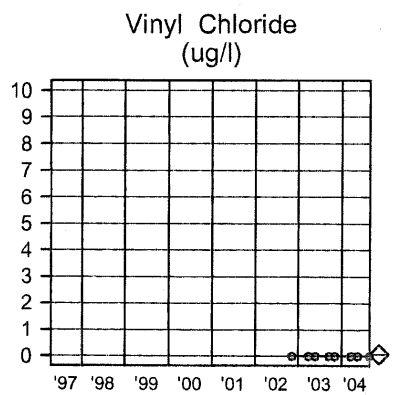












SOURCE: 15

Sampling Dates:
04/08/1997 - 08/26/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 10 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-23-2004 X:\MtechData\Streams\STREAMS.WSF

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	-	21000	0.083		-
04/08/1997	FMETL	ND	2.05	1.26	4.47	ND	ND	ND			
07/17/1997	FMETL	ND	2.55	ND	4.72	ND	ND	ND			
10/30/1997	FMETL	ND	1.76	ND	1.86	ND	ND	ND			
02/10/1998	FMETL	ND	ND	ND	6.23	ND	ND	ND			
04/21/1998	FMETL	ND	ND	ND	4.58	ND	ND	ND			
08/19/1998	FMETL	ND	2.94	1.63	4.33	ND	ND	ND			
11/18/1998	FMETL	ND	ND	ND	1.48	ND	ND	ND			
02/25/1999	FMETL	ND	ND	ND	6.06	ND	ND	ND			
06/29/1999	FMETL	ND	3.56	2.25	7.70	ND	ND	ND			
09/22/1999	FMETL	ND	2.74	ND	2.63	ND	ND	ND			
12/09/1999	FMETL	ND	1.79	ND	4.13	ND	ND	ND			
03/01/2000	FMETL	ND	1.28	1.27	6.47	ND	2.33	ND			
06/12/2000	FMETL	ND	ND	ND	3.74	ND	ND	ND			
08/24/2000	FMETL	ND	1.68	1.28	4.47	ND	ND	ND			
11/20/2000	FMETL	ND	ND	ND	4.49	ND	ND	ND			-
02/21/2001	FMETL	ND	ND	ND	6.25	ND	ND	ND			-
05/16/2001	FMETL	ND	1.23	ND	4.91	ND	ND	ND			-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
11/14/2001	FMETL	ND	1.41	ND	2.00	ND	ND	ND			-
02/11/2002	FMETL	ND	ND	ND	2.47	ND	ND	ND			V
06/18/2002	FMETL	ND	1.35	ND	2.46	ND	ND	ND			V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P
11/05/2002	FMETL	ND	ND	ND	1.49	ND	ND	ND	ND		V,P
03/13/2003	FMETL	ND	0.90	0.74	3.21	ND	ND	ND	ND		V,P
05/21/2003	FMETL	ND	1.85	ND	3.68	ND	ND	ND	ND		V,P
09/17/2003	FMETL	ND	1.79	ND	1.70	ND	ND	ND	ND		V,P
11/04/2003	FMETL	ND	1.31	ND	ND	ND	497.62	ND	ND		V,P
03/17/2004	FMETL	ND	0.54	0.56	2.26	0.67	0.29	ND	ND		V,P
05/17/2004	FMETL	ND	1.23	ND	1.32	6.40	ND	ND	ND		V,P
08/26/2004	FMETL	ND	1.63	0.74	1.17	ND	ND	ND	ND		V,P

SOURCE: 16

Sampling Dates:
04/08/1997 - 08/26/2004

NOTES:

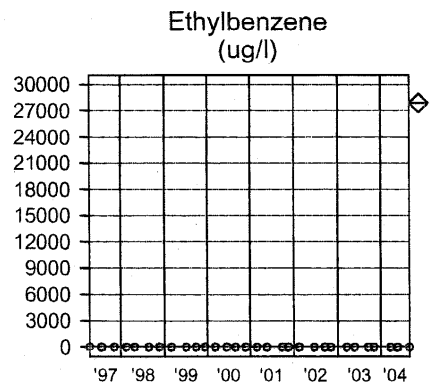
Page 1 of 1
Stream 16 is Salt-Water.
cis-1,2-di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.

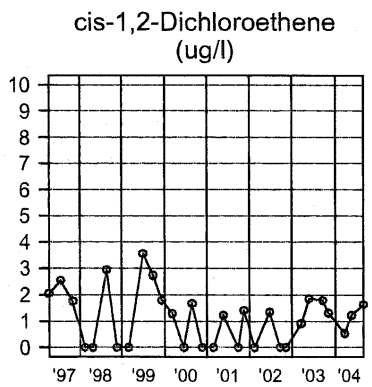
Fort Monmouth

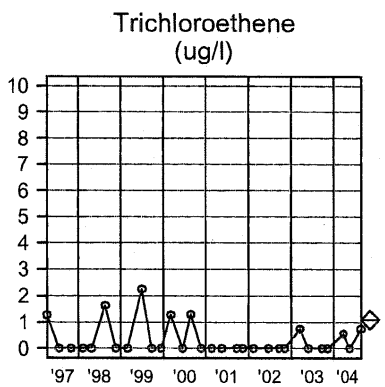
GW Monitoring
Streams

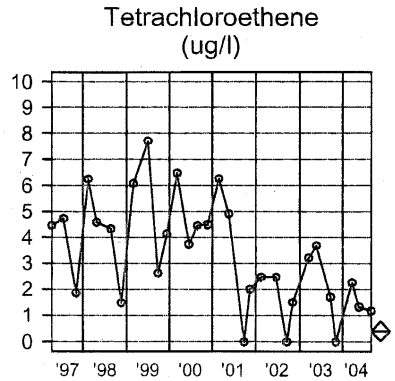
Source 11 of 23

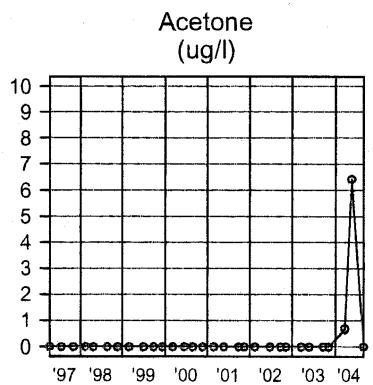
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

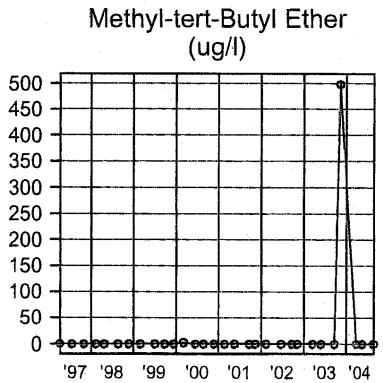


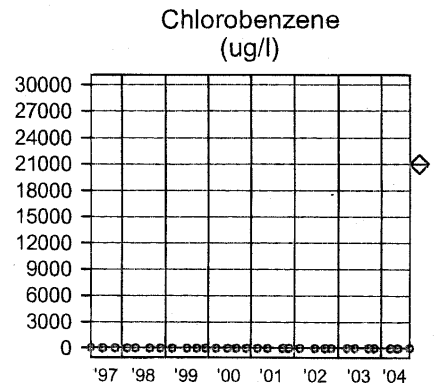


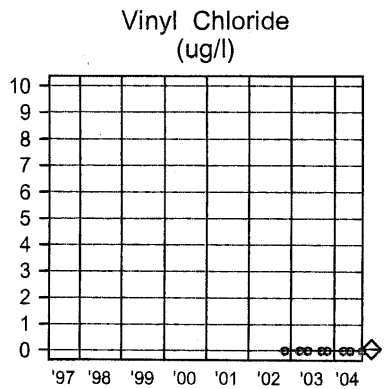












SOURCE: 16

Sampling Dates:
04/08/1997 - 08/26/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 11 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-23-2004 X:\MtechData\Streams\STREAMS.WSF

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	-	21000	0.083		-
04/08/1997	FMETL	ND	ND	ND	ND	1.97	ND	ND			
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND			
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND			
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	1.59			
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND			
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND	ND			
11/18/1998	FMETL	ND	4.43	2.12	5.09	ND	ND	ND			
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND			
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	ND			
09/22/1999	FMETL	ND	1.09	ND	ND	ND	ND	ND			
12/09/1999	FMETL	ND	ND	ND	ND	ND	ND	ND			
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND			
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND			
08/24/2000	FMETL	ND	ND	ND	ND	ND	ND	ND			
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND			-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V
06/18/2002	FMETL	ND	ND	ND	ND	ND	ND	1.48			V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V,P
03/24/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V,P
11/04/2003	FMETL	ND	ND	ND	ND	ND	3.58	ND	ND		V,P
03/17/2004	FMETL	ND	ND	ND	ND	1.36	ND	ND	ND		V,P
05/17/2004	FMETL	ND	ND	ND	ND	6.20	ND	ND	ND		V,P
08/26/2004	FMETL	ND	1.57	0.74	1.19	1.16	ND	ND	ND		V,P

SOURCE: 17

Sampling Dates:
04/08/1997 - 08/26/2004

NOTES:

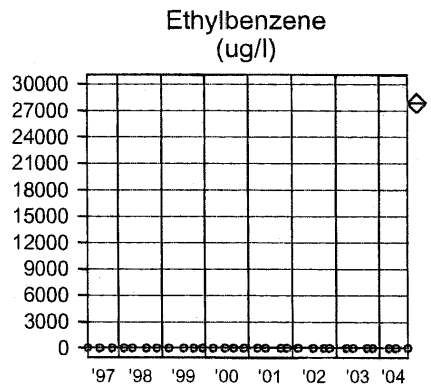
Page 1 of 1
stream 17 is Salt-Water.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
Acetone limit is NLE.
Chlorobenzene limit is 21000 ug/L.

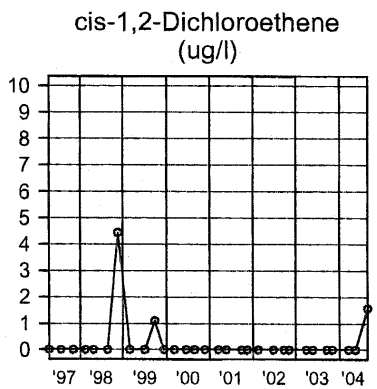
Fort Monmouth

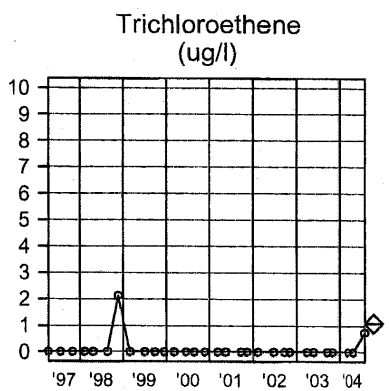
GW Monitoring
Streams

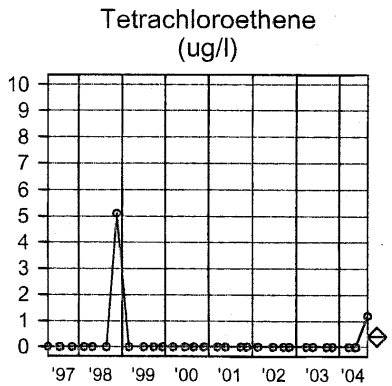
Source 12 of 23

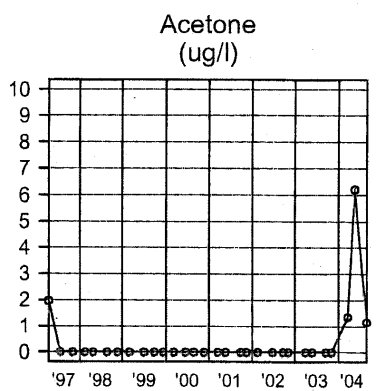
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

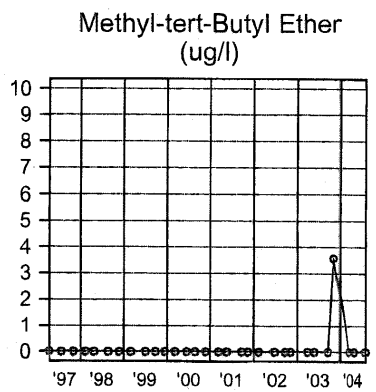


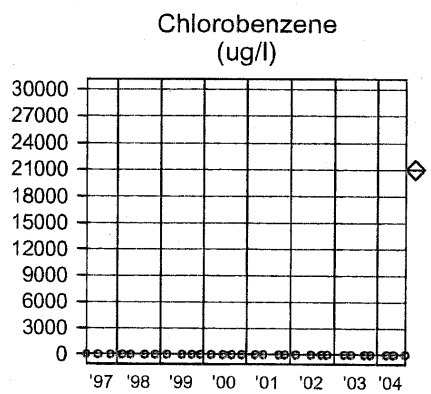


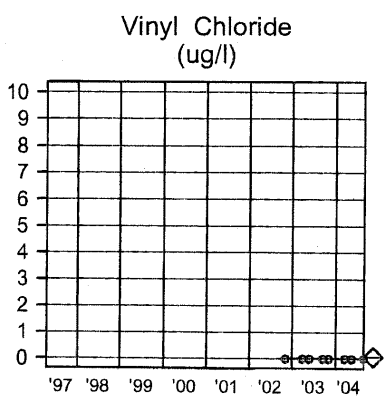












SOURCE: 17

Sampling Dates:
04/08/1997 - 08/26/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 12 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-23-2004 X:\MtechData\Streams\STREAMS.WSF

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	-	21000	0.083		-
04/08/1997	FMETL	ND	ND	ND	ND	ND	ND	ND			
07/17/1997	FMETL	ND	1.06	ND	ND	ND	ND	ND			
10/30/1997	FMETL	ND	5.87	ND	ND	ND	ND	ND			
02/10/1998	FMETL	ND	14.36	ND	ND	ND	ND	ND			
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND			
08/19/1998	FMETL	ND	4.65	ND	ND	ND	ND	ND			
11/18/1998	FMETL	ND	3.18	ND	ND	ND	ND	ND			
02/25/1999	FMETL	ND	3.95	ND	ND	ND	ND	ND			
06/29/1999	FMETL	ND	1.47	ND	ND	ND	ND	ND			
09/21/1999	FMETL	ND	4.67	ND	ND	ND	ND	ND			
12/09/1999	FMETL	ND	4.90	ND	ND	ND	ND	ND			
03/01/2000	FMETL	ND	5.57	ND	ND	ND	ND	ND			
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND			
08/24/2000	FMETL	ND	2.46	ND	ND	15.24	ND	ND			
11/20/2000	FMETL	ND	1.80	ND	ND	ND	ND	ND			-
02/21/2001	FMETL	ND	4.10	ND	ND	ND	ND	ND			-
05/16/2001	FMETL	ND	1.45	ND	ND	ND	ND	ND			-
09/11/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
09/11/2001D	FMETL	ND	ND	ND	ND	ND	ND	ND			-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V
06/18/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P
11/05/2002	FMETL	ND	5.14	ND	ND	ND	ND	ND	ND		V,P
03/13/2003	FMETL	ND	17.75	0.52	ND	ND	0.67	ND	2.33		V,P
05/21/2003	FMETL	ND	3.92	ND	ND	ND	ND	ND	ND		V,P
09/17/2003	FMETL	ND	2.89	ND	ND	ND	ND	ND	ND		V,P
11/04/2003	FMETL	ND	5.41	ND	ND	ND	ND	ND	1.29		V,P
03/17/2004	FMETL	ND	1.49	ND	ND	ND	ND	ND	ND		V,P
05/17/2004	FMETL	ND	1.30	ND	ND	ND	ND	ND	ND		V,P
08/26/2004	FMETL	ND	1.46	ND	ND	2.75	ND	ND	ND		V,P

SOURCE: 18

Sampling Dates:
04/08/1997 - 08/26/2004

NOTES:

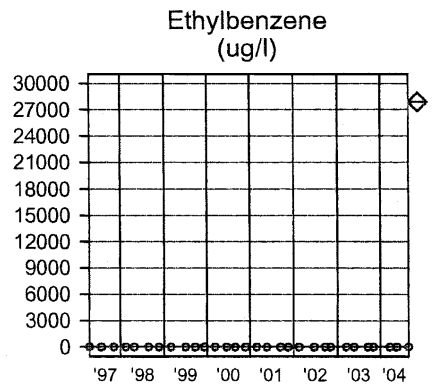
Page 1 of 1
Stream 18 is Fresh-Water.
cis-1,2-Di limit is NLE.

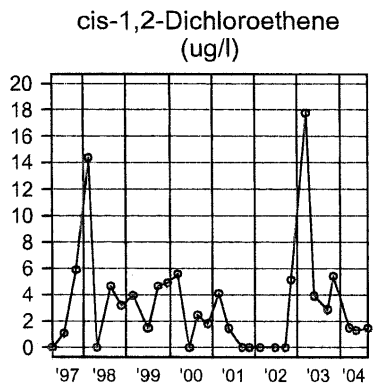
Fort Monmouth

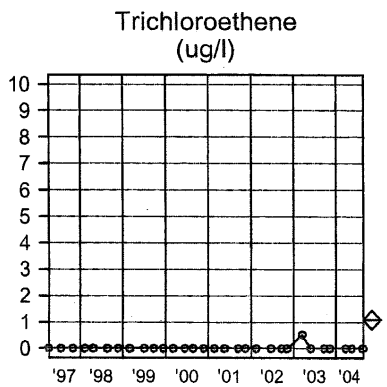
GW Monitoring
Streams

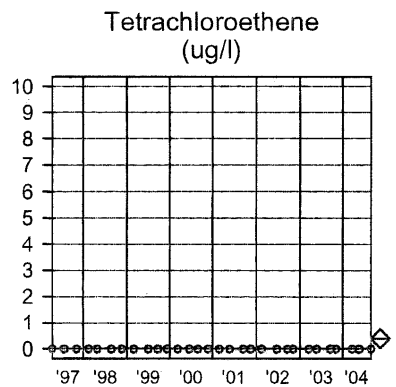
Source 13 of 23

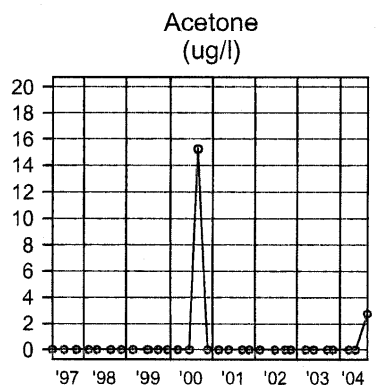
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

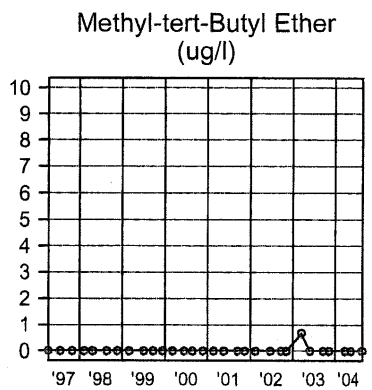


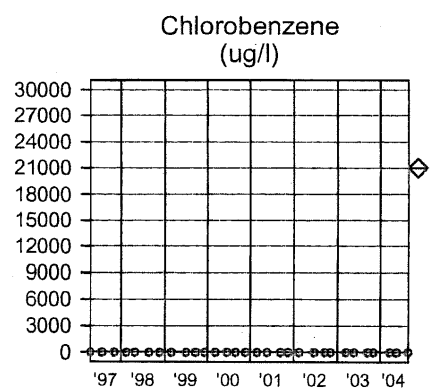


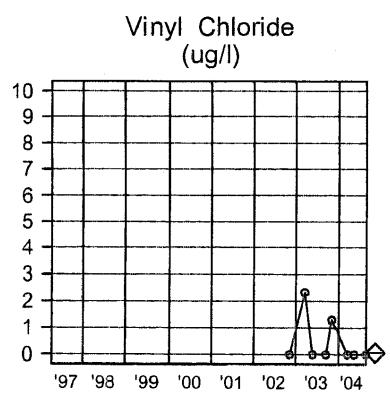












SOURCE: 18

Sampling Dates:
04/08/1997 - 08/26/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 13 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-23-2004 X:\MtechData\Streams\STREAMS.WSF

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	-	21000	0.083		-
04/08/1997	FMETL	ND	6.44	ND	ND	ND	ND	ND			
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND	ND			
10/30/1997	FMETL	ND	4.69	ND	ND	ND	ND	ND			
02/10/1998	FMETL	ND	8.22	ND	ND	ND	ND	ND			
04/21/1998	FMETL	ND	6.86	ND	ND	ND	ND	ND			
08/19/1998	FMETL	ND	2.95	ND	ND	ND	ND	ND			
11/17/1998	FMETL	ND	2.3	ND	ND	ND	ND	ND			
02/25/1999	FMETL	ND	2.30	ND	ND	ND	ND	ND			
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND	ND			
09/21/1999	FMETL	ND	3.53	ND	ND	ND	ND	ND			
12/09/1999	FMETL	ND	2.60	ND	ND	ND	ND	ND			
03/01/2000	FMETL	ND	2.92	ND	ND	ND	ND	ND			
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND			
08/24/2000	FMETL	ND	2.07	ND	ND	ND	ND	ND			
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND			-
02/21/2001	FMETL	ND	2.99	ND	ND	ND	ND	ND			-
02/21/2001D	FMETL	ND	3.87	ND	ND	ND	ND	ND			-
05/16/2001	FMETL	ND	1.57	ND	ND	ND	ND	ND			-
09/11/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V
06/18/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P
11/04/2002	FMETL	ND	2.69	ND	ND	ND	ND	ND	ND		V,P
03/13/2003	FMETL	ND	13.43	0.44	ND	ND	ND	ND	1.61		V,P
05/21/2003	FMETL	ND	3.07	ND	ND	ND	ND	ND	ND		V,P
09/17/2003	FMETL	ND	1.72	ND	ND	ND	ND	ND	ND		V,P
11/04/2003	FMETL	ND	4.00	ND	ND	ND	ND	ND	ND		V,P
03/17/2004	FMETL	ND	1.72	ND	ND	ND	ND	ND	ND		V,P
05/17/2004	FMETL	ND	1.18	ND	ND	ND	ND	ND	ND		V,P
08/26/2004	FMETL	ND	1.33	ND	ND	1.64	ND	ND	ND		V,P

SOURCE: 19

Sampling Dates:
04/08/1997 - 08/26/2004

NOTES:

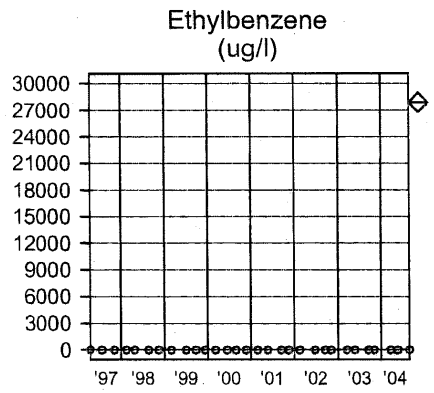
Page 1 of 1
Stream 19 is Salt-Water.
cis-1,2-Di limit is NLE.

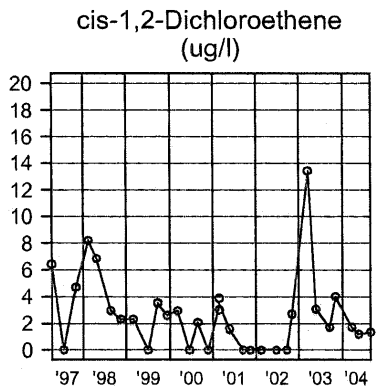
Fort Monmouth

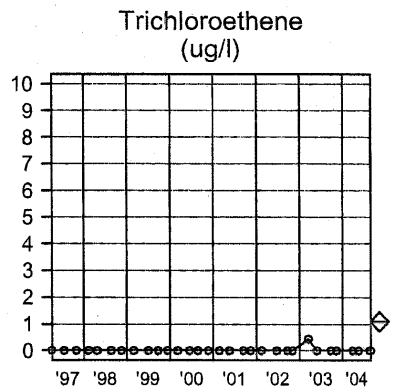
GW Monitoring
Streams

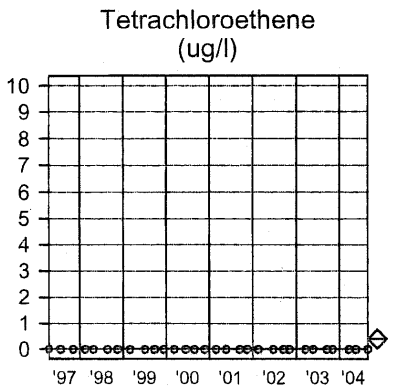
Source 14 of 23

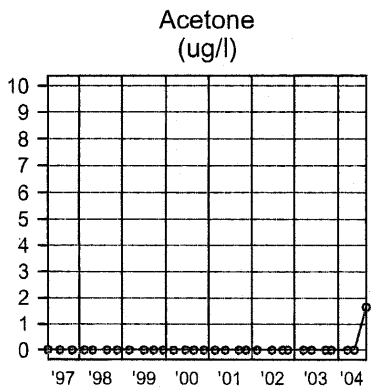
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

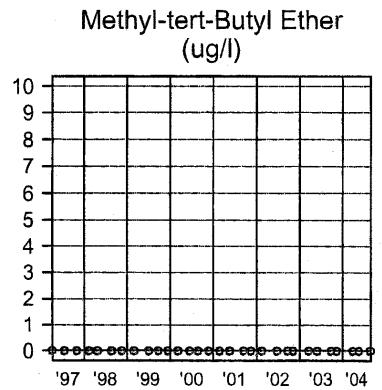


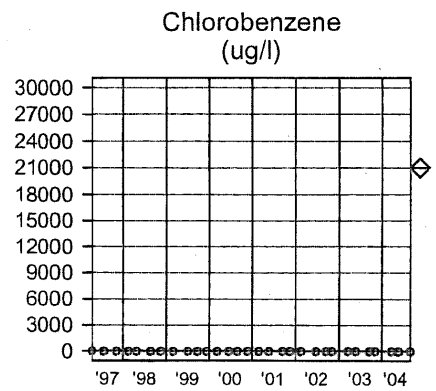


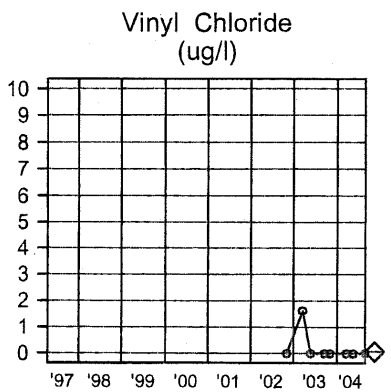












SOURCE: 19

Sampling Dates:
04/08/1997 - 08/26/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 14 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-23-2004 X:\MtechData\Streams\STREAMS.WSF

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	-	21000	0.083		-
04/08/1997	FMETL	2.18	ND	ND	ND	ND	ND	ND			
07/17/1997	FMETL	ND	ND	ND	ND	ND	2.63	ND			
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND			
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND			
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND			
08/19/1998	FMETL	ND	ND	ND	ND	ND	4.85	ND			
11/17/1998	FMETL	ND	ND	ND	ND	ND	ND	ND			
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND			
06/29/1999	FMETL	ND	ND	ND	ND	ND	5.70	ND			
09/21/1999	FMETL	ND	ND	ND	ND	ND	2.10	ND			
12/09/1999	FMETL	ND	ND	ND	ND	ND	ND	ND			
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND			
06/12/2000	FMETL	ND	ND	ND	ND	ND	6.38	ND			
08/24/2000	FMETL	ND	ND	ND	ND	ND	2.58	ND			
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND			-
02/21/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V
06/18/2002	FMETL	ND	ND	ND	ND	ND	1.26	ND			V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V,P
03/13/2003	FMETL	ND	ND	ND	0.64	ND	ND	ND	ND		V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND	1.37	ND	ND		V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V,P
11/04/2003	FMETL	ND	ND	ND	ND	ND	21.91	ND	ND		V,P
03/17/2004	FMETL	ND	ND	ND	ND	1.28	ND	ND	ND		V,P
05/17/2004	FMETL	ND	ND	ND	ND	ND	2.21	ND	ND		V,P
08/26/2004	FMETL	ND	ND	ND	ND	2.00	1.76	ND	ND		V,P

SOURCE: 20

Sampling Dates:
04/08/1997 - 08/26/2004

NOTES:

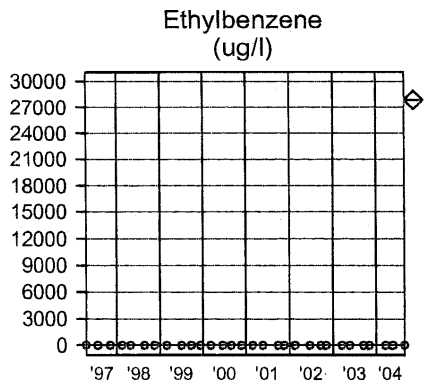
Page 1 of 1
Stream20 is Salt-Water.
Ethylben limit is 27900 ug/L.
MTBE limit is NLE.

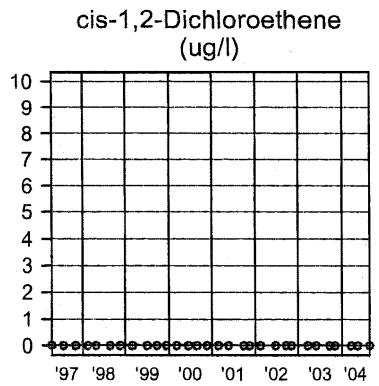
Fort Monmouth

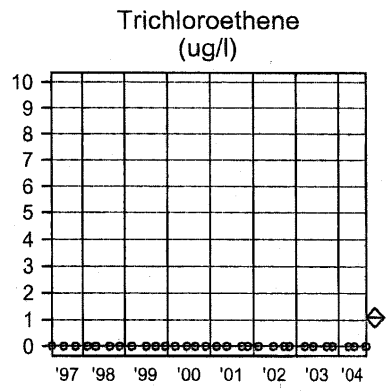
GW Monitoring
Streams

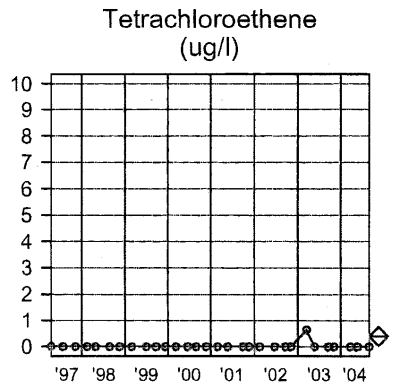
Source 15 of 23

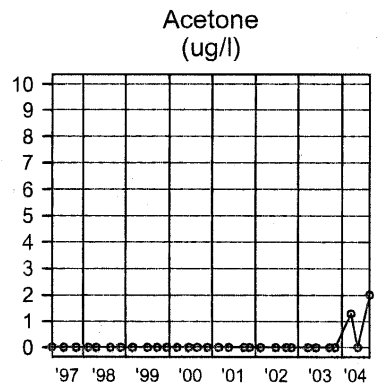
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

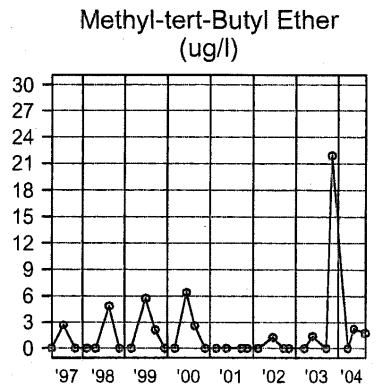


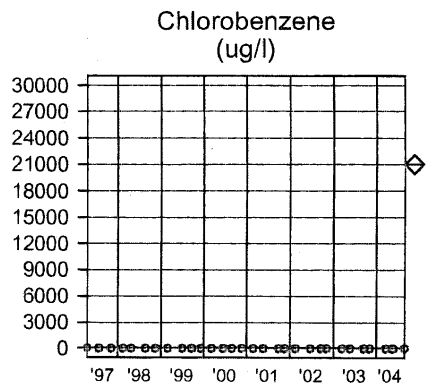


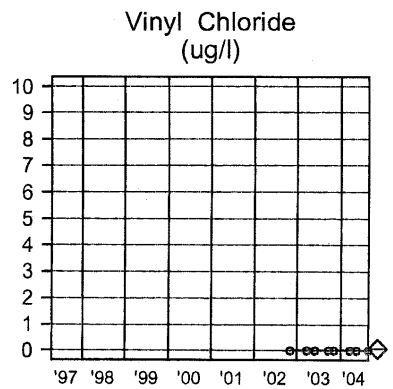












SOURCE: 20

Sampling Dates:
04/08/1997 - 08/26/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 15 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-23-2004 X:\MtechData\Streams\STREAMS.WSF

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	-	21000	0.083		-
04/08/1997	FMETL	ND	ND	ND	ND	ND	ND	ND			
07/17/1997	FMETL	ND	ND	ND	ND	ND	2.90	ND			
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND			
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND			
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND			
08/19/1998	FMETL	ND	ND	ND	ND	ND	4.71	ND			
11/17/1998	FMETL	ND	ND	ND	ND	ND	ND	ND			
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND			
06/29/1999	FMETL	ND	ND	ND	ND	ND	7.40	ND			
09/21/1999	FMETL	ND	1.17	ND	ND	ND	2.24	ND			
12/09/1999	FMETL	ND	ND	ND	ND	27.52	ND	ND			
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND			
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND			
08/24/2000	FMETL	ND	ND	ND	ND	4.56	2.67	ND			
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND			-
02/21/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
09/11/2001	FMETL	ND	ND	ND	ND	ND	1.76	ND			-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V
06/18/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V,P
03/13/2003	FMETL	ND	ND	ND	0.63	ND	ND	ND	ND		V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND	1.34	ND	ND		V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V,P
11/04/2003	FMETL	ND	ND	ND	ND	ND	22.28	ND	ND		V,P
03/17/2004	FMETL	ND	ND	ND	ND	1.35	ND	ND	ND		V,P
05/17/2004	FMETL	ND	ND	ND	ND	ND	2.28	ND	ND		V,P
08/26/2004	FMETL	ND	ND	ND	ND	1.90	1.73	ND	ND		V,P

SOURCE: 21

Sampling Dates:
04/08/1997 - 08/26/2004

NOTES:

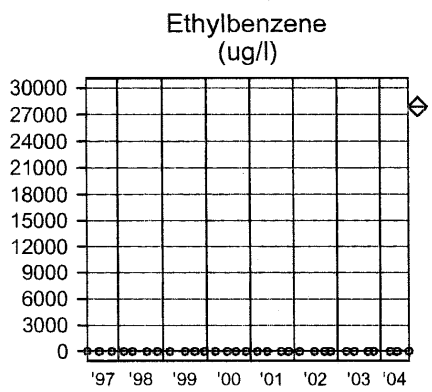
Page 1 of 1
Sream 21 is Salt-Water.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.
MTBE limit is NLE.

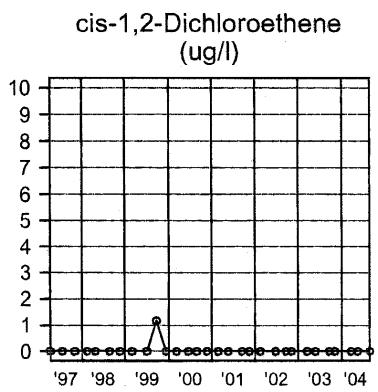
Fort Monmouth

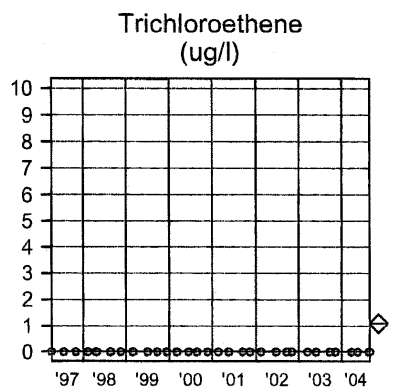
GW Monitoring
Streams

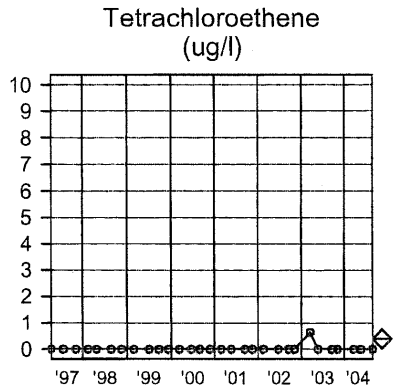
Source 16 of 23

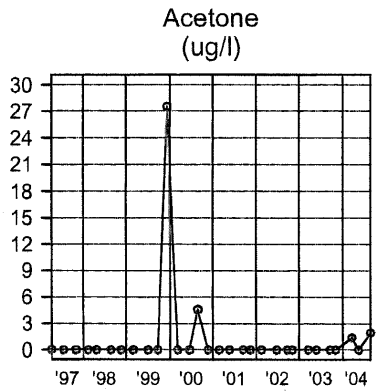
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

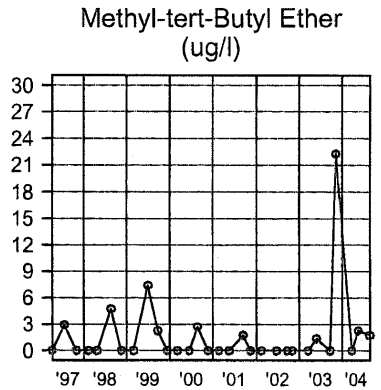


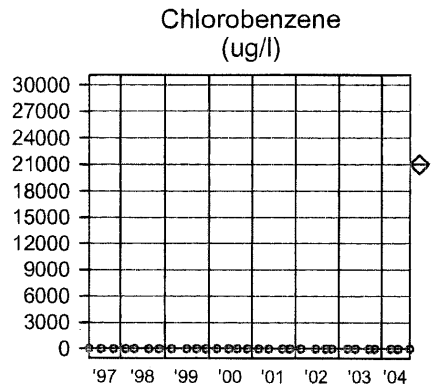


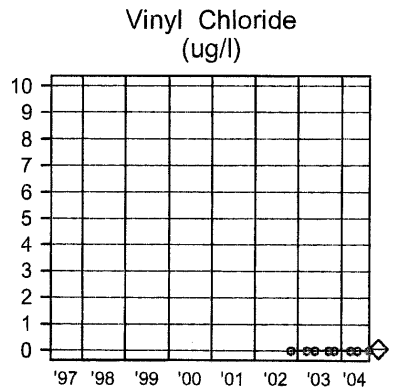












SOURCE: 21

Sampling Dates:
04/08/1997 - 08/26/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 16 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-23-2004 X:\MtechData\Streams\STREAMS.WSF

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	-	21000	0.083		-
04/08/1997	FMETL	ND	ND	ND	ND	ND	ND	ND			
07/17/1997	FMETL	ND	ND	ND	ND	ND	4.26	ND			
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND	ND			
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND	ND			
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND	ND			
08/19/1998	FMETL	ND	ND	ND	ND	ND	4.50	ND			
11/17/1998	FMETL	ND	ND	ND	ND	ND	ND	ND			
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND	ND			
06/29/1999	FMETL	ND	ND	ND	ND	ND	8.30	ND			
09/21/1999	FMETL	ND	ND	ND	ND	ND	0.82	ND			
12/09/1999	FMETL	ND	ND	ND	ND	32.77	ND	ND			
03/01/2000	FMETL	ND	ND	ND	ND	ND	ND	ND			
06/12/2000	FMETL	ND	ND	ND	ND	ND	10.26	ND			
06/12/2000D	FMETL	ND	ND	ND	ND	ND	10.66	ND			
08/24/2000	FMETL	ND	ND	ND	ND	5.53	ND	ND			
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND			-
02/21/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			V
09/11/2001	FMETL	ND	ND	ND	ND	ND	3.53	ND			-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V
06/18/2002	FMETL	ND	ND	ND	ND	ND	2.12	ND			V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V,P
03/13/2003	FMETL	ND	1.57	ND	ND	ND	ND	ND	ND		V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V,P
11/04/2003	FMETL	ND	ND	ND	ND	2.43	5.33	ND	ND		V,P
03/17/2004	FMETL	ND	1.37	ND	ND	ND	ND	ND	ND		V,P
05/17/2004	FMETL	ND	ND	ND	ND	5.82	4.87	ND	ND		V,P
08/26/2004	FMETL	ND	ND	ND	ND	2.49	2.37	ND	ND		V,P

SOURCE: 22

Sampling Dates:
04/08/1997 - 08/26/2004

NOTES:

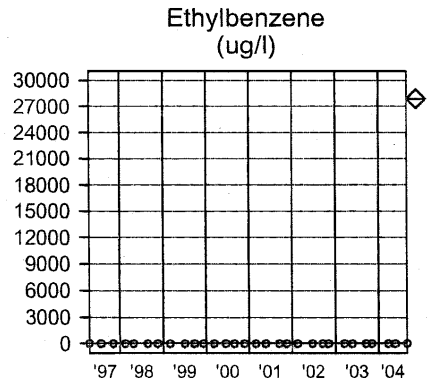
Page 1 of 1
Stream 22 is Salt-Water.
Acetone limit is NLE.
MTBE limit is NLE.

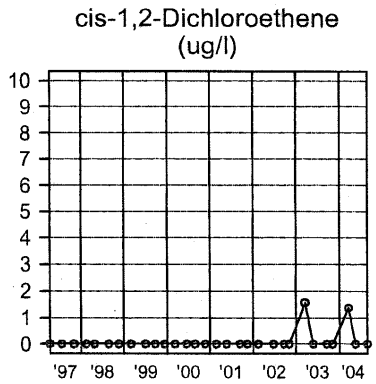
Fort Monmouth

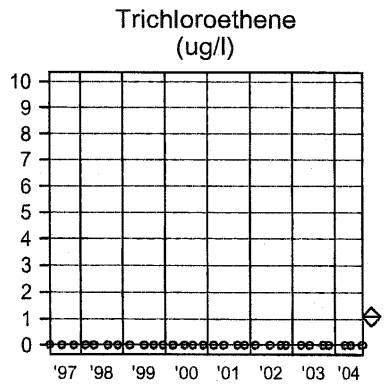
GW Monitoring
Streams

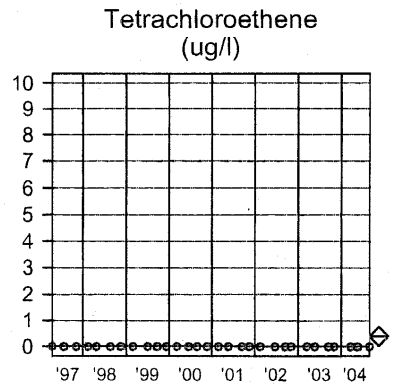
Source 17 of 23

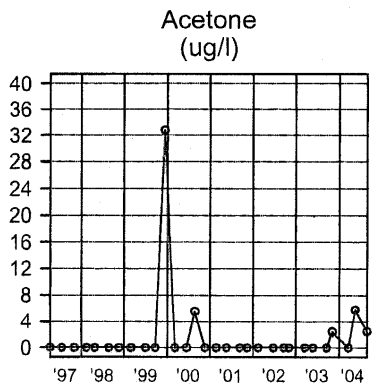
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

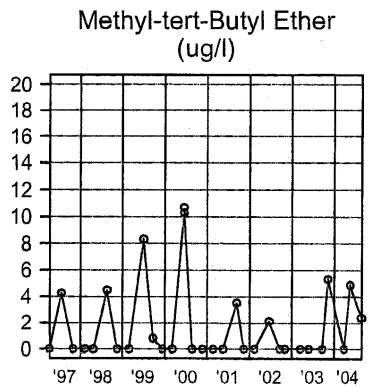


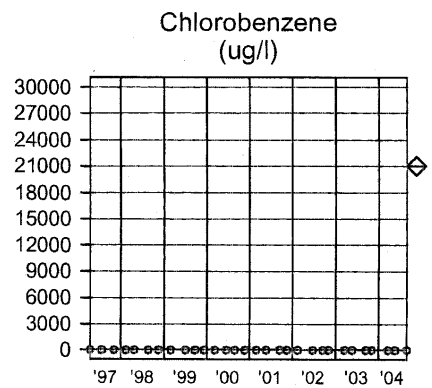


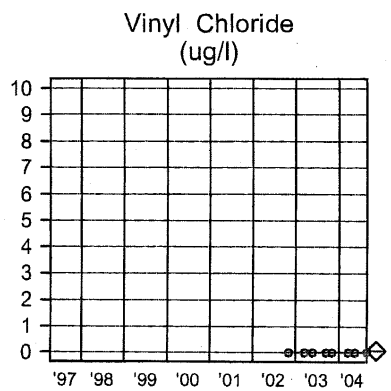












SOURCE: 22

Sampling Dates:
04/08/1997 - 08/26/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 17 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-23-2004 X:\MtechData\Streams\STREAMS.WSF

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	-	21000	0.083		-
06/12/2000	FMETL	ND	ND	ND	5.60	ND	ND	ND			
08/24/2000	FMETL	ND	2.24	1.82	5.18	ND	ND	ND			
11/20/2000	FMETL	ND	ND	ND	6.29	ND	ND	ND			-
03/08/2001	FMETL	ND	ND	ND	4.78	ND	ND	ND			-
05/16/2001	FMETL	ND	1.73	ND	6.41	ND	ND	ND			-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
11/14/2001	FMETL	ND	3.23	ND	3.64	ND	ND	ND			-
02/11/2002	FMETL	ND	ND	ND	2.85	ND	ND	ND			V
06/18/2002	FMETL	ND	1.58	ND	2.88	ND	ND	ND			V,P
09/18/2002	FMETL	ND	2.49	ND	ND	ND	ND	ND			V,P
11/05/2002	FMETL	ND	ND	ND	1.44	ND	ND	ND	ND		V,P
03/24/2003	FMETL	ND	1.41	1.05	4.01	ND	ND	ND	ND		V,P
05/21/2003	FMETL	ND	2.03	ND	4.06	ND	ND	ND	ND		V,P
09/17/2003	FMETL	ND	1.91	ND	1.77	ND	ND	ND	ND		V,P
11/04/2003	FMETL	ND	1.29	ND	ND	ND	680.5	ND	ND		V,P
03/17/2004	FMETL	ND	0.56	0.53	2.25	0.59	ND	ND	ND		V,P
05/17/2004	FMETL	ND	1.20	ND	1.32	ND	ND	ND	ND		V,P
08/26/2004	FMETL	ND	1.77	0.76	1.24	2.04	ND	ND	ND		V,P

SOURCE: 23

Sampling Dates:
06/12/2000 - 08/26/2004

NOTES:

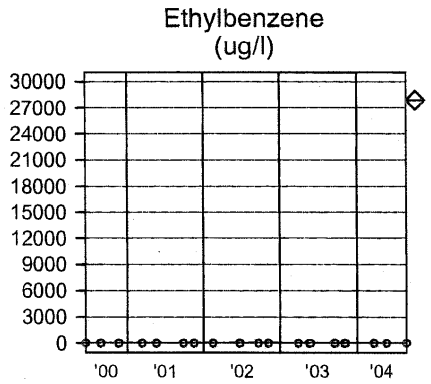
Page 1 of 1
Stream 23 is Fresh-Water

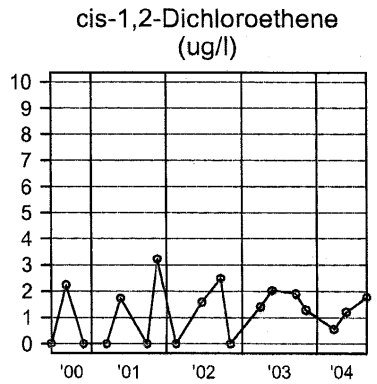
Fort Monmouth

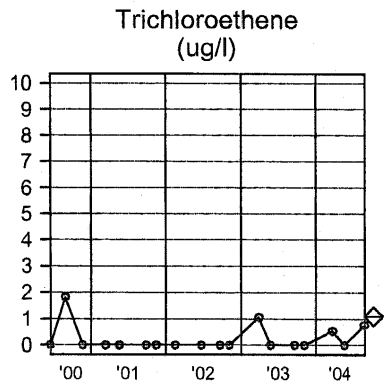
GW Monitoring
Streams

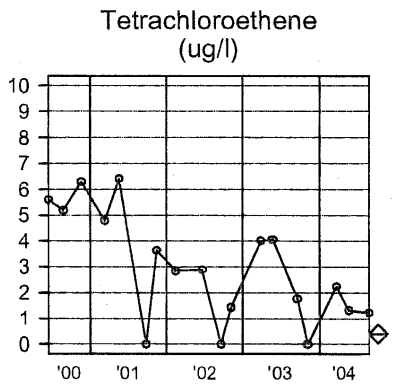
Source 18 of 23

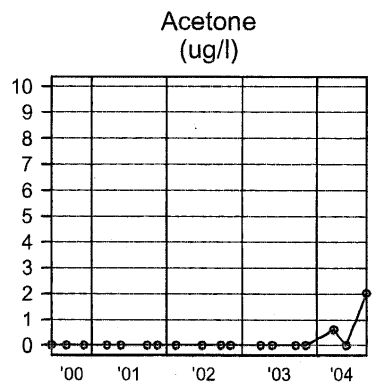
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

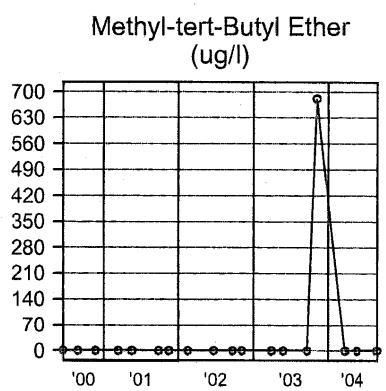


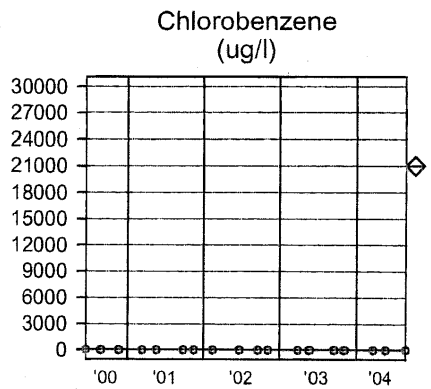


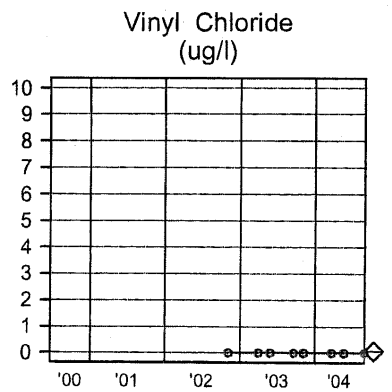












SOURCE: 23

Sampling Dates:
06/12/2000 - 08/26/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 18 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-23-2004 X:\MtechData\Streams\STREAMS.WSF

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	-	21000	0.083		-
06/12/2000	FMETL	ND	ND	ND	4.72	ND	ND	ND			
08/24/2000	FMETL	ND	1.54	1.41	4.33	ND	ND	ND			
11/20/2000	FMETL	ND	ND	ND	4.41	ND	ND	ND			-
03/08/2001	FMETL	ND	ND	ND	4.76	ND	ND	ND			-
05/16/2001	FMETL	ND	1.37	ND	5.12	ND	ND	ND			-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
11/14/2001	FMETL	ND	3.11	ND	3.28	ND	ND	ND			-
02/11/2002	FMETL	ND	ND	ND	2.69	ND	ND	ND			V
06/18/2002	FMETL	ND	1.60	ND	2.74	ND	ND	ND			V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P
11/05/2002	FMETL	ND	ND	ND	1.64	ND	ND	ND	ND		V,P
03/13/2003	FMETL	ND	0.99	0.83	3.50	ND	ND	ND	ND		V,P
05/21/2003	FMETL	ND	1.98	ND	3.94	ND	ND	ND	ND		V,P
09/17/2003	FMETL	ND	1.69	ND	1.61	ND	ND	ND	ND		V,P
11/04/2003	FMETL	ND	1.16	ND	ND	ND	504.75	ND	ND		V,P
03/17/2004	FMETL	ND	0.58	0.58	2.12	0.56	0.30	ND	ND		V,P
05/17/2004	FMETL	ND	1.25	ND	1.21	4.51	ND	ND	ND		V,P
08/26/2004	FMETL	ND	1.79	0.75	1.22	2.08	ND	ND	ND		V,P

SOURCE: 24

Sampling Dates:
06/12/2000 - 08/26/2004

NOTES:

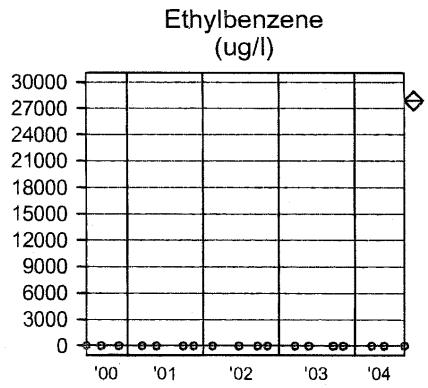
Page 1 of 2
Stream 24 is Fresh-Water

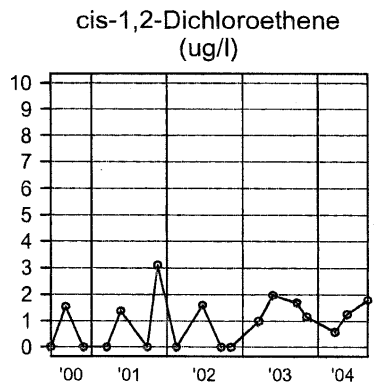
Fort Monmouth

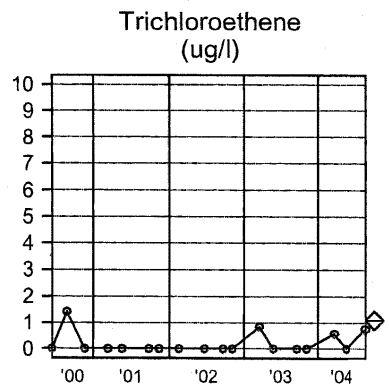
GW Monitoring
Streams

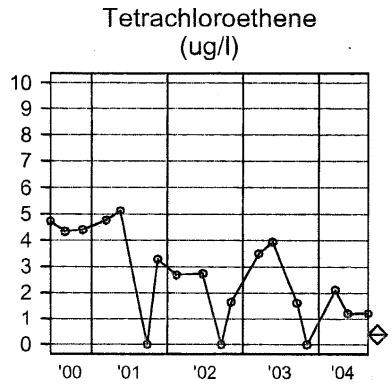
Source 19 of 23

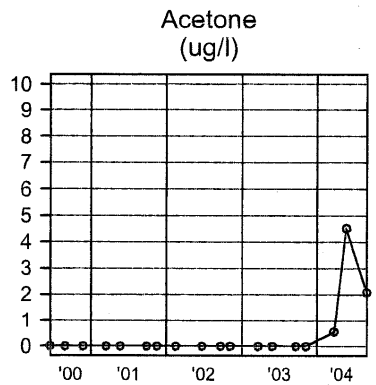
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

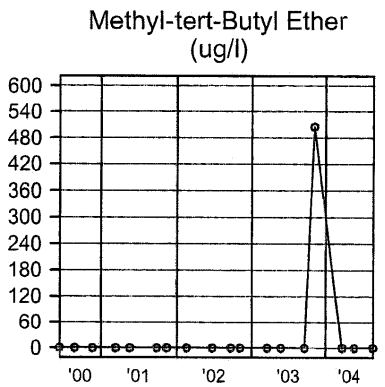


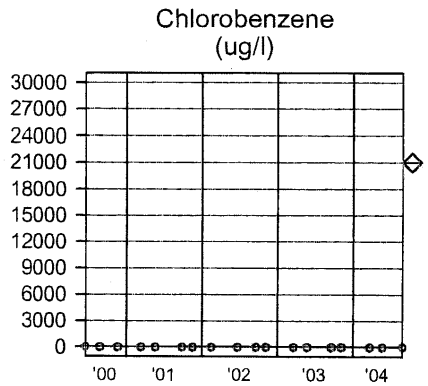


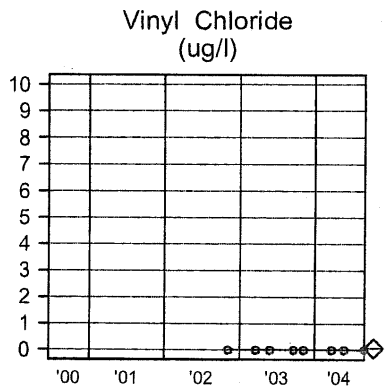












SOURCE: 24

Sampling Dates:
06/12/2000 - 08/26/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 19 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-23-2004 X:\MtechData\Streams\STREAMS.WSF

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	-	21000	0.083		-
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND			
08/24/2000	FMETL	ND	ND	ND	ND	ND	ND	ND			
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND			-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V
06/18/2002	FMETL	ND	ND	ND	ND	ND	ND	1.50			V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V,P
03/24/2003	FMETL	ND	ND	ND	2.22	ND	ND	ND	ND		V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V,P
11/04/2003	FMETL	ND	ND	ND	ND	ND	3.79	ND	ND		V,P
03/17/2004	FMETL	ND	ND	ND	ND	1.57	ND	ND	ND		V,P
05/17/2004	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V,P
08/26/2004	FMETL	ND	1.60	0.70	1.18	1.15	ND	ND	ND		V,P

SOURCE: 25

Sampling Dates:
06/12/2000 - 08/26/2004

NOTES:

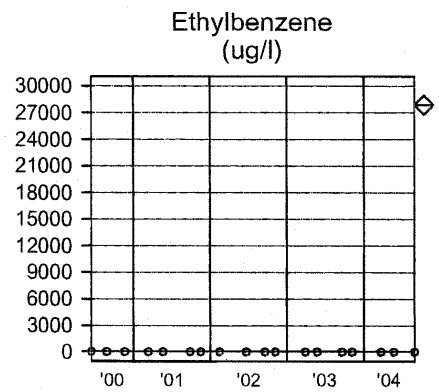
Page 1 of 1
Stream 25 is Salt-Water.

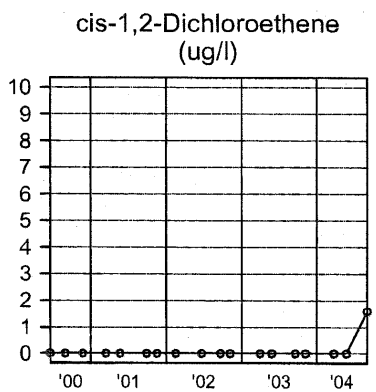
Fort Monmouth

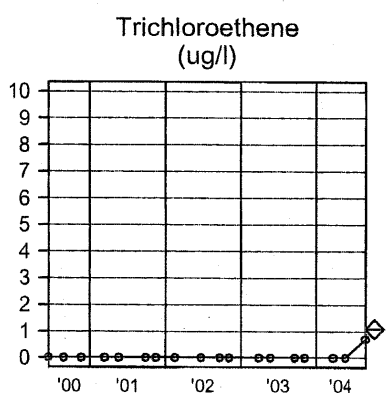
GW Monitoring
Streams

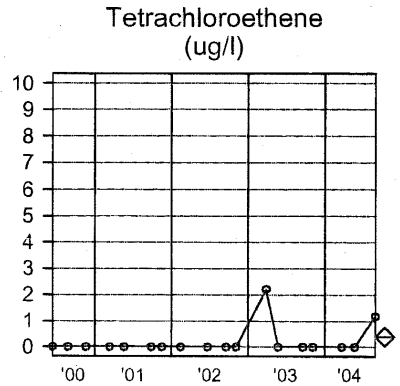
Source 20 of 23

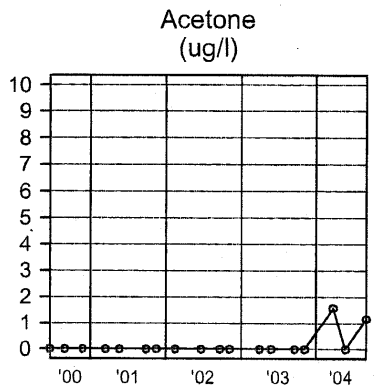
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

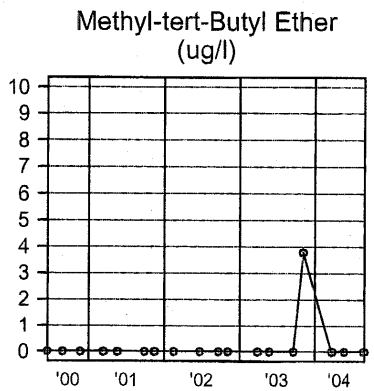


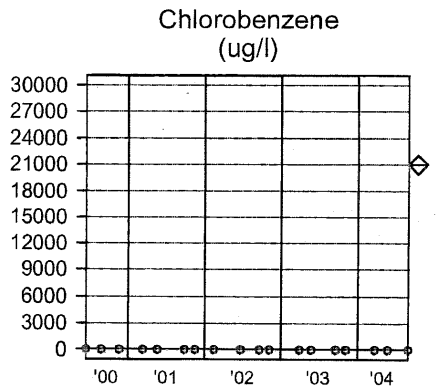


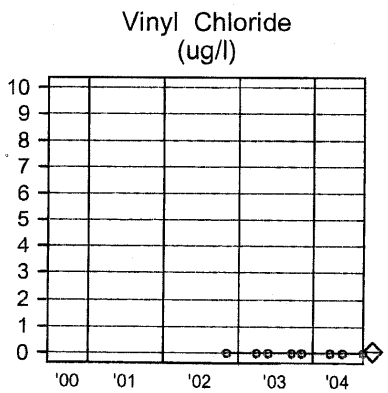












SOURCE: 25

Sampling Dates:
06/12/2000 - 08/26/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 20 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-23-2004 X:\MtechData\Streams\STREAMS.WSF

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	-	21000	0.083		-
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND			
08/24/2000	FMETL	ND	ND	ND	ND	ND	ND	ND			
11/20/2000	FMETL	ND	ND	ND	ND	ND	ND	ND			-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V
06/18/2002	FMETL	ND	ND	ND	ND	ND	ND	1.47			V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V,P
03/24/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V,P
05/21/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V,P
09/17/2003	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V,P
11/04/2003	FMETL	ND	ND	ND	ND	ND	3.68	ND	ND		V,P
03/17/2004	FMETL	ND	ND	ND	ND	1.32	ND	ND	ND		V,P
05/17/2004	FMETL	ND	ND	ND	ND	3.68	ND	ND	ND		V,P
08/26/2004	FMETL	ND	1.61	0.70	1.20	1.17	ND	ND	ND		V,P

SOURCE: 26

Sampling Dates:
06/12/2000 - 08/26/2004

NOTES:

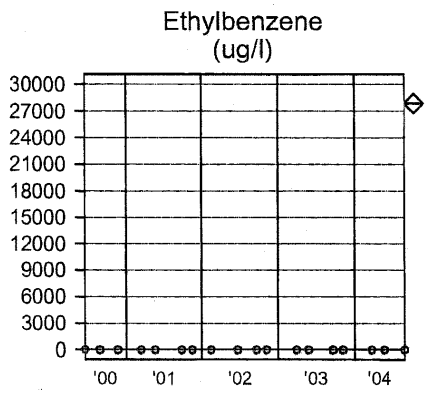
Page 1 of 1
Stream 26 is Fresh-Water

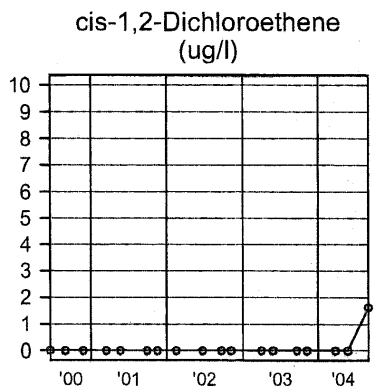
Fort Monmouth

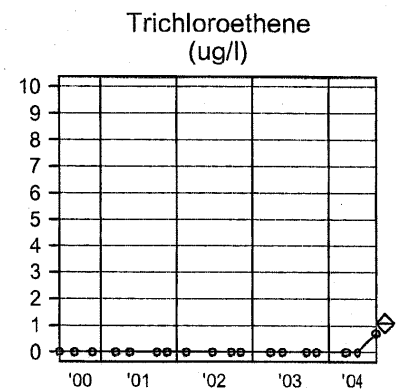
GW Monitoring
Streams

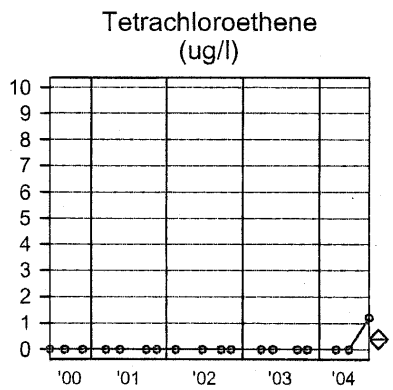
Source 21 of 23

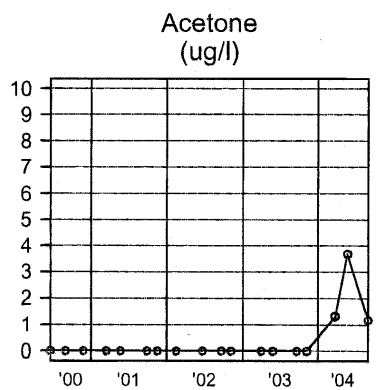
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

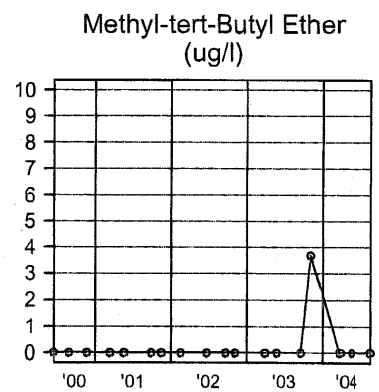


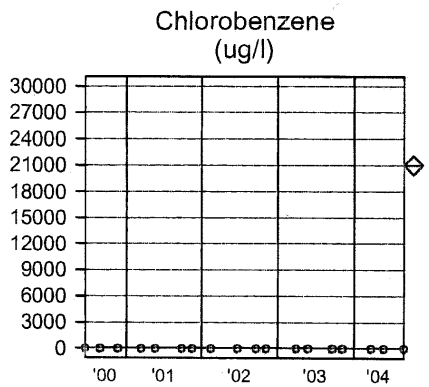


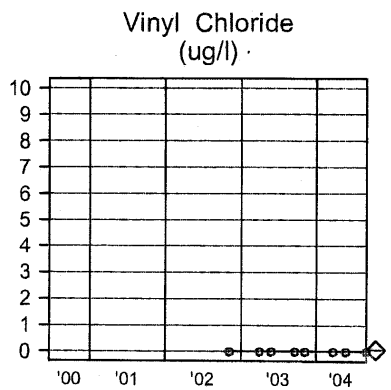












SOURCE: 26

Sampling Dates:
06/12/2000 - 08/26/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 21 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	-	21000	0.083		-
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND			
08/24/2000	FMETL	ND	ND	ND	1.72	ND	ND	ND			
11/20/2000	FMETL	ND	ND	ND	1.87	ND	ND	ND			-
03/08/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
05/16/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
02/11/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V
06/18/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V,P
03/13/2003	FMETL	ND	ND	ND	1.71	ND	ND	ND	ND		V,P
05/21/2003	FMETL	ND	1.38	2.68	ND	ND	ND	ND	ND		V,P
09/17/2003	FMETL	ND	1.16	ND	1.16	ND	ND	ND	ND		V,P
11/04/2003	FMETL	ND	0.88	ND	1.06	ND	377.93	ND	ND		V,P
03/17/2004	FMETL	ND	ND	ND	0.85	0.70	ND	ND	ND		V,P
05/17/2004	FMETL	ND	ND	ND	ND	5.91	ND	ND	ND		V,P
08/26/2004	FMETL	ND	0.75	ND	0.56	1.17	ND	ND	ND		V,P

SOURCE: 27

Sampling Dates:
06/12/2000 - 08/26/2004

NOTES:

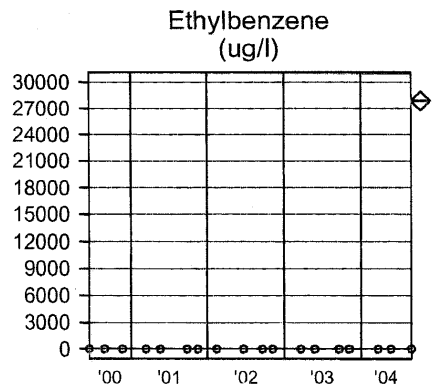
Page 1 of 1
Stream 27 is Salt Water.

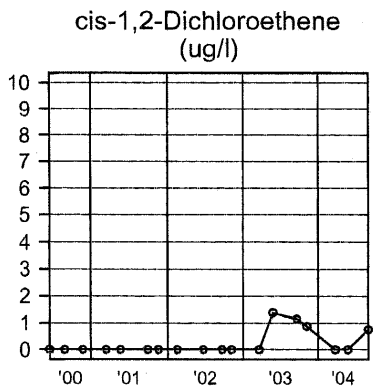
Fort Monmouth

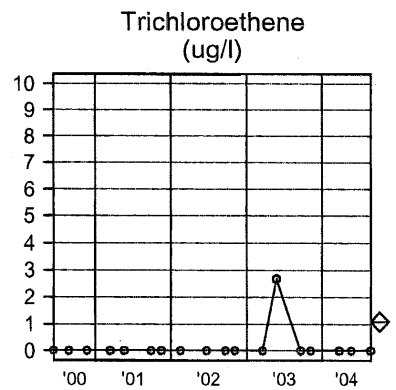
GW Monitoring
Streams

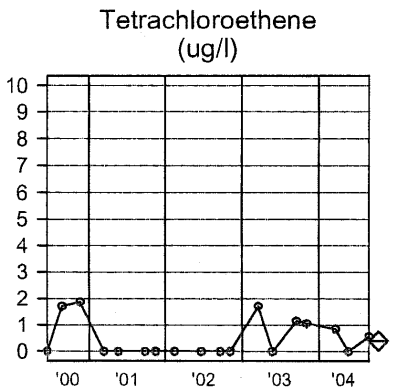
Source 22 of 23

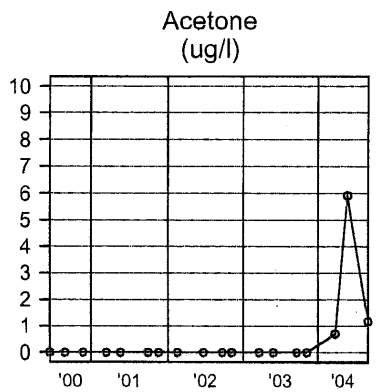
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

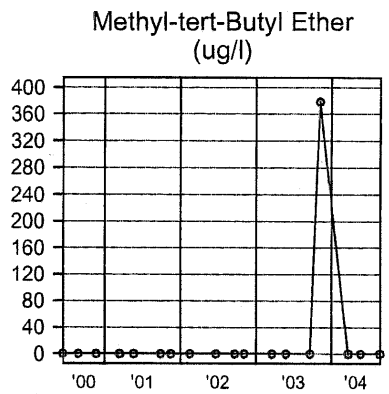


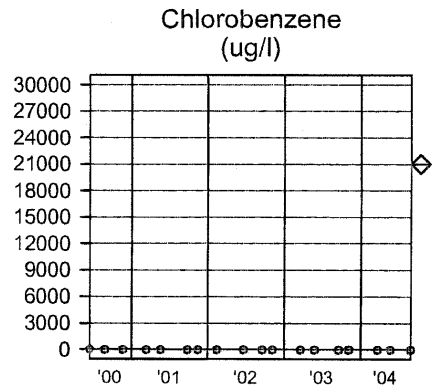


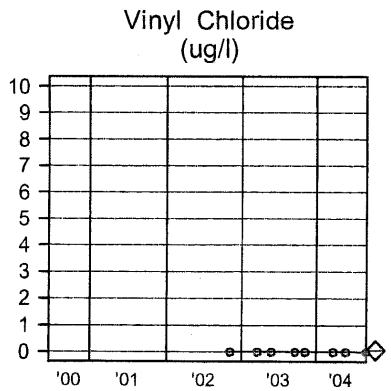












SOURCE: 27

Sampling Dates:
06/12/2000 - 08/26/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 22 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-23-2004 X:\MtechData\Streams\STREAMS.WSF

	Lab	Ethyl benzene	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether	Chloro benzene	Vinyl Chloride		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		-
NJDEP Criteria:	-	27900	-	1.09	0.388	-	-	21000	0.083		-
06/12/2000	FMETL	ND	ND	ND	ND	ND	ND	ND			
08/24/2000	FMETL	ND	1.28	1.07	3.67	ND	ND	ND			
11/20/2000	FMETL	ND	ND	ND	3.60	ND	ND	ND			-
03/08/2001	FMETL	ND	ND	ND	2.56	ND	ND	ND			-
05/16/2001	FMETL	ND	ND	ND	2.77	ND	ND	ND			-
09/25/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
11/14/2001	FMETL	ND	ND	ND	ND	ND	ND	ND			-
02/11/2002	FMETL	ND	ND	ND	1.55	ND	ND	ND			V
06/18/2002	FMETL	ND	ND	ND	1.99	ND	ND	ND			V,P
09/18/2002	FMETL	ND	ND	ND	ND	ND	ND	ND			V,P
11/04/2002	FMETL	ND	ND	ND	ND	ND	ND	ND	ND		V,P
03/13/2003	FMETL	ND	0.73	0.60	2.78	ND	ND	ND	ND		V,P
05/21/2003	FMETL	ND	1.50	ND	2.58	ND	ND	ND	ND		V,P
09/17/2003	FMETL	ND	1.14	ND	1.14	ND	ND	ND	ND		V,P
11/04/2003	FMETL	ND	1.54	0.78	1.89	ND	493.12	ND	ND		V,P
03/17/2004	FMETL	ND	ND	ND	0.82	0.66	ND	ND	ND		V,P
05/17/2004	FMETL	ND	ND	ND	ND	5.97	ND	ND	ND		V,P
08/26/2004	FMETL	ND	0.88	ND	0.52	2.27	ND	ND	ND		V,P

SOURCE: 28

Sampling Dates:
06/12/2000 - 08/26/2004

NOTES:

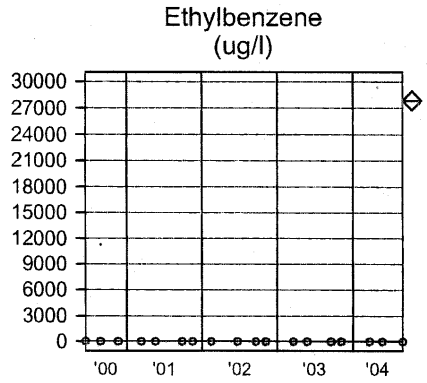
Page 1 of 1
Stream 28 is Salt-Water
cis-1,2-Dichloroethene limit is NLE
TCE limit is 81
PCE limit is 4.29

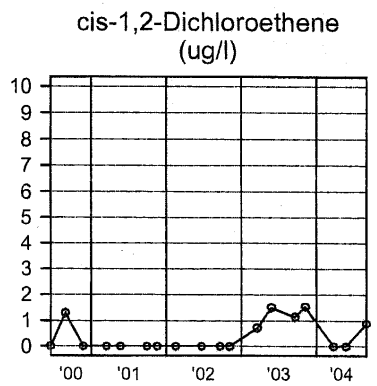
Fort Monmouth

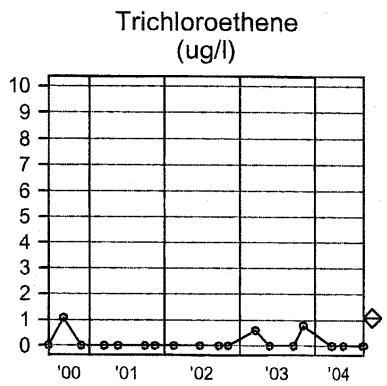
GW Monitoring
Streams

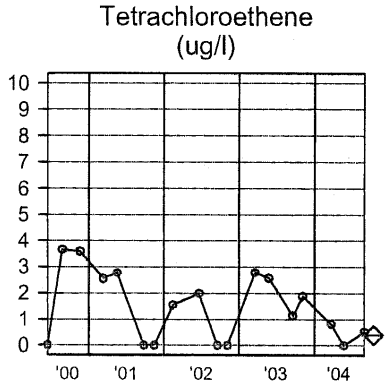
Source 23 of 23

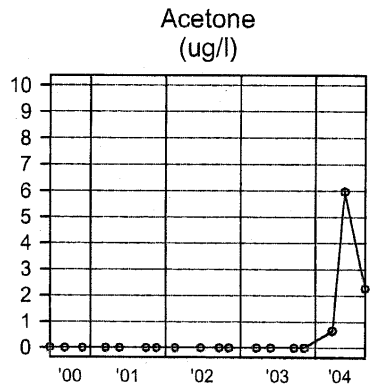
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

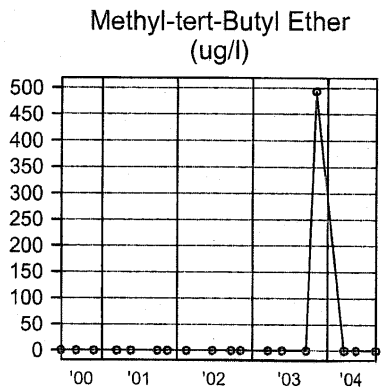


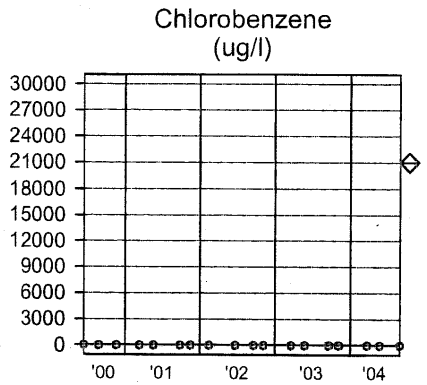


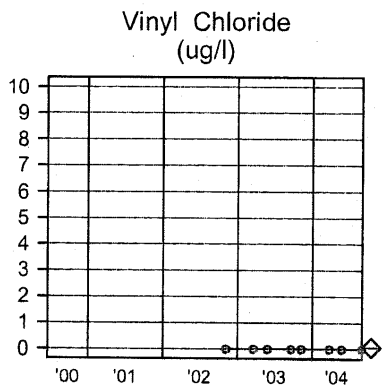












SOURCE: 28

Sampling Dates:
06/12/2000 - 08/26/2004

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Source 23 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

09-23-2004 X:\MtechData\Streams\STREAMS.WSF